

順泰電子科技股份有限公司

Soontai Tech Co., Ltd.

We always provide the better choice for you.



ISO 13485 Certification



ISO 9001 Certification



Add : No. 59, Dawan E. Rd., Yongkang Dist., Tainan City 710024, Taiwan

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Web Site : <http://www.soontai.com>

Established in 1994, our company is situated in Southern Taiwan. We specialize in designing and manufacturing high-quality TV, DVB, CATV, MoCA, HomePNA, DOCSIS, VSAT, SMATV, MMDS filters, diplexers, isolators and accessories.

We offer a complete range of filters, such as Trap, Tier Trap, High Pass, Low Pass, Band Pass, Band Reject, Window, Double Band, Triple Band and mini size series Filters.

Other accessories include attenuators, band attenuators, equalizers, reverse equalizers, band equalizers, terminators, surge protectors, power inserters,...etc.

We are dedicated to delivering the best product quality for our customers. Our QC efforts include 100% testing of each and every product after assembly to insure the highest possible quality standard and most of our filters have already passed CE standards for the European Market.

Continuous improvement of processes and consistent application of quality management systems continually assessed by auditors has resulted in ISO 9001 certifications.

With our engineering expertise, extensive design experience and advance equipments include RF simulation software (ADS), 110GHz network analyzer, CNC machines, PCB engraving,..etc, we extend to a line of 75 and 50 Ohm high performance RF products such as standard kits, high-quality cable assemblies, adapters, impedance converters,..etc.

In addition to a wide range of standard products, Soontai also offers the ability to modify or customize products to suit a specific application.

In order to give you the most complete information possible, we have included not only pictures and specifications of all items in our product line on this website, but also the complete frequency response curves. We hope you will find this information helpful and it will enable you to get a better understanding of our products.



110 GHz



- Founded in April, 1994
- Head Quarter: Tainan City, Taiwan.
- EU office: in Erfurt Germany.
- Employees : 80
- ISO Certified
 - ✓ ISO 9001:2015
 - ✓ ISO 13485:2016
- Facility : 3,665 m2
 - ✓ 6 Assembly, Testing, and Packing lines
 - ✓ 500 K/m capacity for Diplexer & module
 - ✓ 300 K/m capacity for filter & accessory



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III. Cable Assemblies

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VI. Impedance Matching Pad

VII. Terminators

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I. Connectors



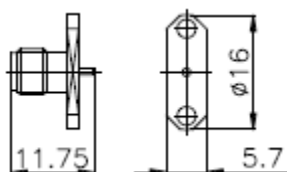
Features

- High Performance, up to 18 GHz
- Excellent Return Loss
- Low Insertion Loss
- High Stability
- Exquisite Plating Quality

Item	CN18-31F-0S01
Impedance	50 Ohm
Frequency Range	18 GHz
Connector Gender	SMA-female
Boby Material and Plating	Brass, Gold (1.5 μ-inches)
Contact Material and Plating	Beryllium Copper, Gold (3 μ-inches)
Dielectric Type	Teflon
Net Weight	2 g

* Specifications may be changed depending on the model or customer's requirement.

Drawing



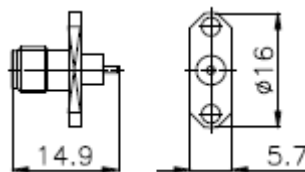
Features

- High Performance, up to 18 GHz
- Excellent Return Loss
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- Exquisite Plating Quality

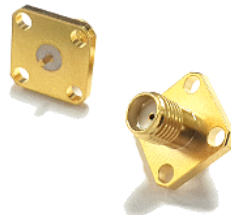
Item	CN18-31F-0S02
Impedance	50 Ohm
Frequency Range	18 GHz
Connector Gender	SMA-female
Boby Material and Plating	Brass, Gold (1.5 μ-inches)
Contact Material and Plating	Beryllium Copper, Gold (3 μ-inches)
Dielectric Type	Teflon
Net Weight	2 g

* Specifications may be changed depending on the model or customer's requirement.

Drawing



I. Connectors



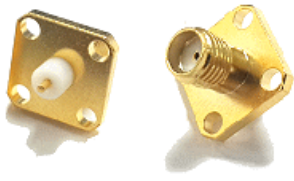
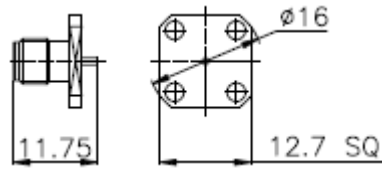
Features

- High Performance, up to 18 GHz
- Excellent Return Loss
- Low Insertion Loss
- High Stability
- Exquisite Plating Quality

Item	CN18-31F-0S03
Impedance	50 Ohm
Frequency Range	18GHz
Connector Gender	SMA-female
Boby Material and Plating	Brass, Gold (1.5 μ-inches)
Contact Material and Plating	Beryllium Copper, Gold (3 μ-inches)
Dielectric Type	Teflon
Net Weight	2.7 g

* Specifications may be changed depending on the model or customer's requirement.

Drawing



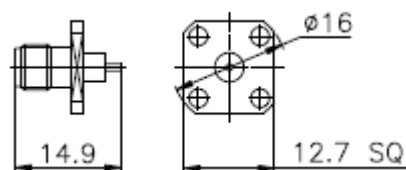
Features

- High Performance, up to 18 GHz
- Excellent Return Loss
- Low Insertion Loss
- High Stability
- Exquisite Plating Quality

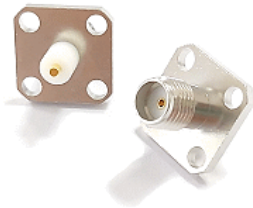
Item	CN18-31F-0S04
Impedance	50 Ohm
Frequency Range	18GHz
Connector Gender	SMA-female
Boby Material and Plating	Brass, Gold (1.5 μ-inches)
Contact Material and Plating	Beryllium Copper, Gold (3 μ-inches)
Dielectric Type	Teflon
Net Weight	2.7 g

* Specifications may be changed depending on the model or customer's requirement.

Drawing



I. Connectors



Features

- High Performance, up to 18 GHz
- Excellent Return Loss
- Low Insertion Loss
- High Stability
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- Excellent Return Loss
- Low Insertion Loss
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- Exquisite Plating Quality

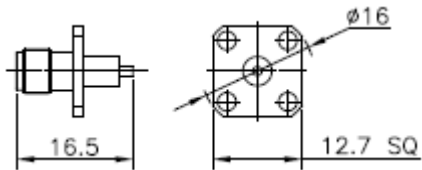
Item	CN18-31F-0S09
Impedance	50 Ohm
Frequency Range	18GHz
Connector Gender	SMA-female
Boby Material and Plating	Brass, Tri-Metal
Contact Material and Plating	Beryllium Copper, Gold
Dielectric Type	Teflon
Net Weight	2.7 g

* Specifications may be changed depending on the model or customer's requirement.

Item	CN18-31□-0S□□
Impedance	50 Ohm
Frequency Range	18GHz
Connector Gender	SMA-female
Boby Material and Plating	Brass, Gold (1.5 μ-inches)
Contact Material and Plating	Beryllium Copper, Gold (3 μ-inches)
Dielectric Type	Teflon
Net Weight	2.7 g

* Specifications may be changed depending on the model or customer's requirement.

Drawing



CN18-31F-0S05	CN18-31F-0S06	CN18-31F-0S07
CN18-31M-0S01	CN18-31M-0S02	CN18-31M-0S03

I. Connectors



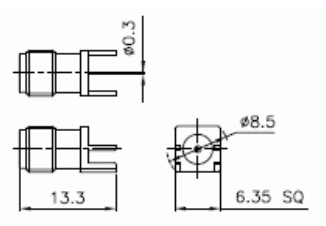
Features

- High Performance, up to 18 GHz
- Excellent Return Loss
- Low Insertion Loss
- High Stability
- Exquisite Plating Quality

Item	CN18-31F-0S08
Impedance	50 Ohm
Frequency Range	18 GHz
Connector Gender	SMA-female
Boby Material and Plating	Brass, Gold (1.5 μ-inches)
Contact Material and Plating	Beryllium Copper, Gold (3 μ-inches)
Dielectric Type	Teflon
Net Weight	1.5 g

* Specifications may be change depending on the model or customer's requirement.

Drawing



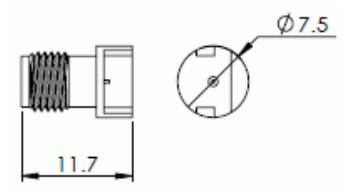
Features

- High Performance, up to 40 GHz
- Excellent Return Loss
- Low Insertion Loss
- High Stability
- Exquisite Plating Quality

Item	CN40-29F-0S01
Impedance	50 Ohm
Frequency Range	40 GHz
Return Loss	14 dB(min)
Connector Gender	2.92mm-female
Boby Material and Plating	Brass, Gold (3 μ-inches)
Contact Material and Plating	Beryllium Copper, Gold (3 μ-inches)
Dielectric Type	Teflon
Net Weight	1.8 g

* Specifications may be change depending on the model or customer's requirement.

Drawing



I. Connectors



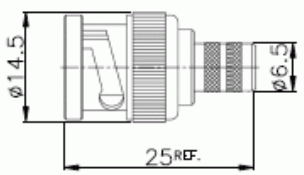
Features

- Widband, up to 3 GHz
- Suitable for HD TV Broadcasting
- Excellent Return Loss
- Low Insertion Loss
- High Stability
- Exquisite Plating Quality

Item	CN03-78M05-0I01
Impedance	75 Ohm
Frequency Range	3 GHz
Return Loss	20 dB(typ)
Connector Gender	BNC-male
Boby Material and Plating	Brass, Nickel
Contact Material and Plating	Brass, Gold
Dielectric Type	Teflon
Net Weight	12.5 g

* Specifications may be changed depending on the model or customer's requirement.
 **Models showed are for customers information.
 If you need items work at different frequency, please inquire.

Drawing



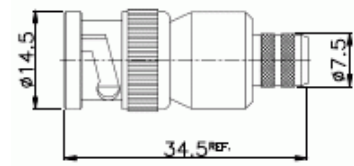
Features

- High Performance, up to 12 GHz
- Suitable for 4K TV
- Excellent Return Loss
- Low Insertion Loss
- High Stability
- Exquisite Plating Quality

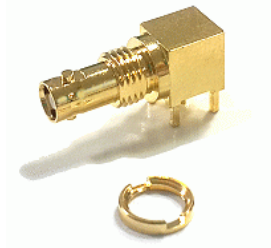
Item	CN12-78M73-0I01
Impedance	75 Ohm
Frequency Range	12 GHz
Return Loss	20 dB(typ) / 18 dB(min)
Connector Gender	BNC-male
Boby Material and Plating	Brass, Nickel
Contact Material and Plating	Brass, Gold
Dielectric Type	Teflon
Net Weight	22.4 g

* Specifications may be changed depending on the model or customer's requirement.
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Drawing



I. Connectors



Features

- High Performance, up to 12 GHz
- Suitable for 4K TV
- Excellent Return Loss
- Low Insertion Loss
- High Stability
- Exquisite Plating Quality

Features

- High Performance, up to 12 GHz
- Suitable for 4K TV
- Excellent Return Loss
- Low Insertion Loss
- High Stability
- Exquisite Plating Quality

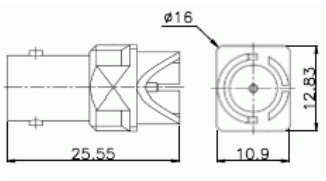
Item	CN12-78F-0101
Impedance	75 Ohm
Frequency Range	12 GHz
Return Loss	14 dB(typ)
Connector Gender	BNC-male
Boby Material and Plating	Brass, Gold
Contact Material and Plating	Phosphor Bronze, Gold
Dielectric Type	Teflon
Net Weight	13.2 g

* Specifications may be changed depending on the model or customer's requirement.
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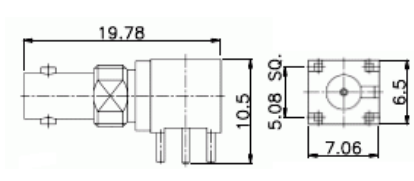
Item	CN12-78F-0102
Impedance	75 Ohm
Frequency Range	12 GHz
Return Loss	14 dB(typ)
Connector Gender	BNC-male
Boby Material and Plating	Brass, Gold
Contact Material and Plating	Phosphor Bronze, Gold
Dielectric Type	Teflon
Net Weight	13.2 g

* Specifications may be changed depending on the model or customer's requirement.
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 If you need items work at different frequency, please inquire.

Drawing



Drawing



I. Connectors



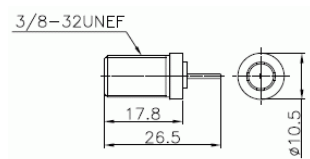
Features

- High Performance, Up to 4 GHz
- Excellent Return Loss
- Low Insertion Loss
- Precision Mechanical Structure
- High temperature resistant insulation material
- High Stability
- Exquisite Plating Quality

Item	CN04-75F-0S01
Impedance	75 Ohm
Frequency Range	4 GHz
Return Loss (< 2 GHz)	20dB (typ) / 16dB (min)
Return Loss (< 4.0 GHz)	16dB (typ) / 14dB (min)
Connector	F-female type
Boby Material and Plating	Brass, Nickel
Contact Material and Plating	Phosphor Bronze, Nickel
Dielectric Material	PPS
Dimensions	10.5(φ) x 17.8 mm
Net Weight	4.8 g

* Specifications may be changed depending on the model or customer's requirement.

Drawing



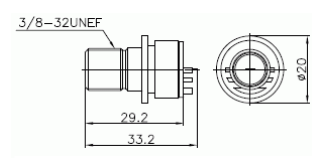
Features

- High Performance, up to 4 GHz
- 2 Kind of Applications
- Excellent Return Loss
- Low Insertion Loss
- High Stability
- Exquisite Plating Quality

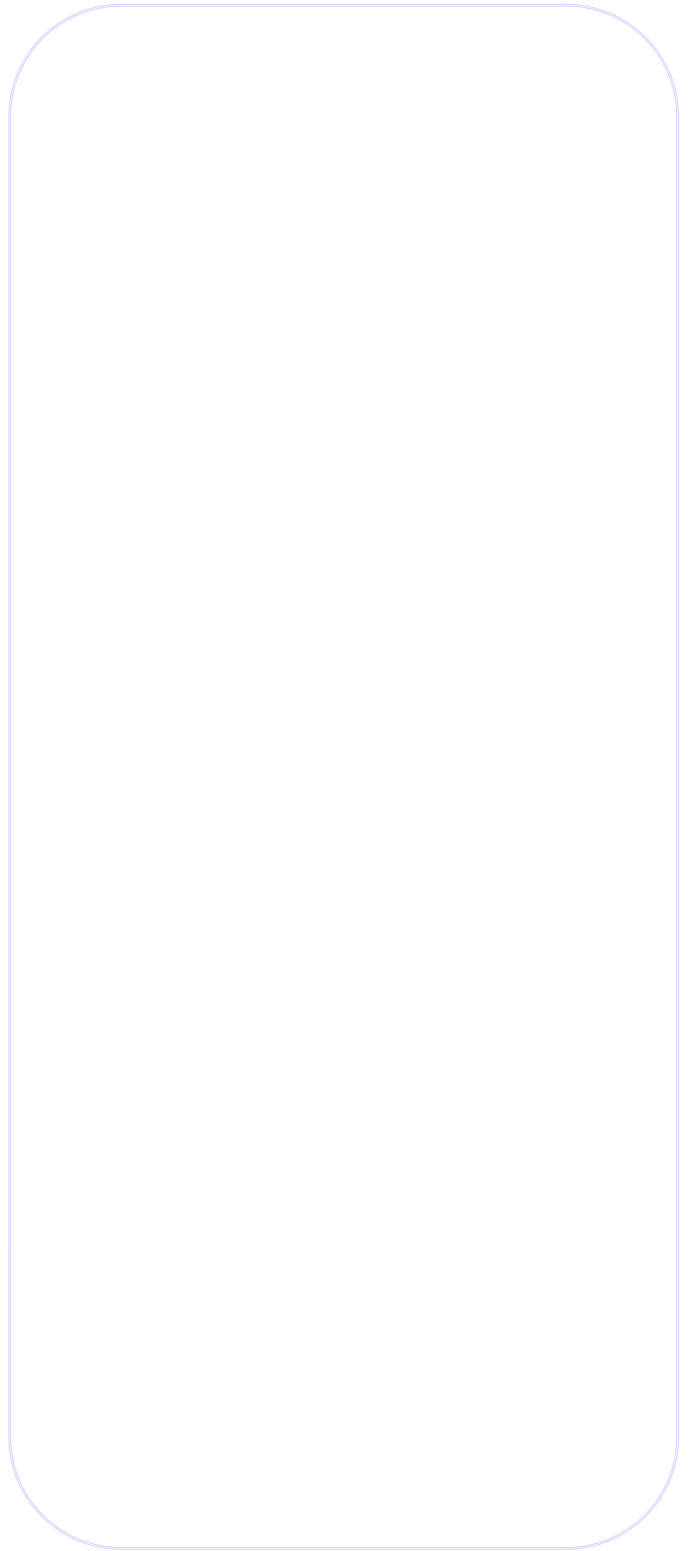
Item	CN04-75F-1C01
Impedance	75 Ohm
Frequency Range	4 GHz
Return Loss (< 2 GHz)	14 dB(min)
Return Loss (< 4 GHz)	10 dB(min)
Connector Gender	F-female
Boby Material and Plating	Brass, Nickel
Contact Material and Plating	Phosphor Bronze, Gold
Dielectric Material	Silicone
Dimensions	15(φ) x 13.9 mm
Net Weight	11.3 g

* Specifications may be changed depending on the model or customer's requirement.

Drawing



I. Connectors



II. Adapters \In-Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Precision adapters are widely used in lab or field applications. These adapters must be high quality and well performance to ensure accurate result.

Soontai offer a complete test grade adapters including 1.85mm(V), 2.4mm(Q), 2.92mm(K) and others for selection.

With low insertion loss and excellent return loss performance, they are suitable for use in test equipments and analyzers. Stainless Steel configuration enable longer life constantly settings.

Item	AD67-18F18M-0Q01
Impedance	50 Ohm
Frequency Range	9 KHz - 67 GHz
Return Loss	19dB (min)
Connector Type	1.85mm-male to 1.85mm-female
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement.



Features

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Impedance	50 Ohm
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Return Loss	19dB (min)
Connector Type	1.85mm-male to 1.85mm-male
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement.



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Impedance	50 Ohm
Frequency Range	9 KHz - 67 GHz
Return Loss	19dB (min)
Connector Type	1.85mm-female to 1.85mm-female
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

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With low insertion loss and excellent return loss performance, they are suitable for use in test equipments and analyzers. Stainless Steel configuration enable longer life constantly settings.

Item	AD50-24F24M-0B01
Impedance	50 Ohm
Frequency Range	9 kHz - 50 GHz
Return Loss	20dB (min)
Connector Type	2.4mm-female to 2.4mm-male
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement.

II. Adapters \In-Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Precision adapters are widely used in lab or field applications. These adapters must be high quality and well performance to ensure accurate result.

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With low insertion loss and excellent return loss performance, they are suitable for use in test equipments and analyzers. Stainless Steel configuration enable longer life constantly settings.

Item	AD50-24M24M-0B01
Impedance	50 Ohm
Frequency Range	9 kHz - 50 GHz
Return Loss	20dB (min)
Connector Type	2.4mm-male to 2.4mm-male
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement.



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
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With low insertion loss and excellent return loss performance, they are suitable for use in test equipments and analyzers. Stainless Steel configuration enable longer life constantly settings.

Item	AD50-24F24F-0B01
Impedance	50 Ohm
Frequency Range	9 kHz - 50 GHz
Return Loss	20dB (min)
Connector Type	2.4mm-female to 2.4mm-female
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement.

II. Adapters

\In-Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD40-29M29M-0Q01	AD40-29F29F-0Q01
Impedance	50 Ohm	50 Ohm
Frequency Range	9 kHz - 40 GHz	9 kHz - 40 GHz
Return Loss	20dB (min)	20dB (min)
Connector Type	2.92mm-male to 2.92mm-male	2.92mm-female to 2.92mm-female
Housing Material	Passivated Stainless Steel	
Center Pin Material	Gold-plated Beryllium Copper	
Dimensions	9.0(φ) x 26.8 mm	9.0(φ) x 25.0 mm
Net Weight	7.5 g	5.8 g

Item	AD40-29M29F-0Q01
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Return Loss	20dB (min)
Connector Type	2.92mm-female to 2.92mm-male
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper
Dimensions	9.0(φ) x 26.0 mm
Net Weight	6.6 g

* Specifications may be changed depending on the model or customer's requirement.

Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Passivated Stainless Steel
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-50M50M-0QO1
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20dB (min)
Connector Type	N-male to N-male
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper
Dimensions	21(φ) x 45.5 mm
Net Weight	61.8 g

* Specifications may be changed depending on the model or customer's requirement.



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Passivated Stainless Steel
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-50F50F-0Q01
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20dB (min)
Connector Type	F-female to F-female
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper
Dimensions	15.78(φ) x 39.6 mm
Net Weight	43.0 g

* Specifications may be changed depending on the model or customer's requirement.



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Passivated Stainless Steel
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-50M50F-0Q01
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20dB (min)
Connector Type	N-male to N-female
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper
Dimensions	21(φ) x 42.3 mm
Net Weight	52.5 g

* Specifications may be changed depending on the model or customer's requirement.

II. Adapters

\In-Series



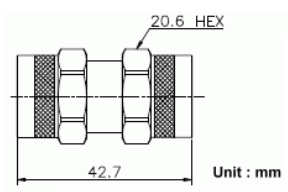
Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-50M50M-0101
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Insertion Loss	0.1 dB(typ)
Return Loss	25 dB(typ)
Connector	N-male
Body	Brass, Plating Nickel
Center Contact	Phosphor Bronze, Plating Gold
Insulator	PTFE
Dimensions	20.6(φ) x 42.7mm
Net Weight (approx.)	61.5 g

* Specifications may be changed depending on the model or customer's requirement.

Drawing



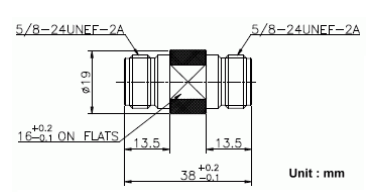
Features

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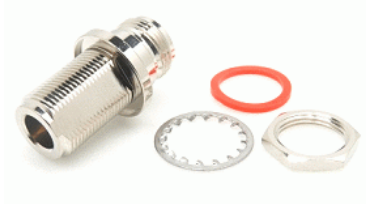
Item	AD18-50F50F-0102
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Insertion Loss	0.1 dB(typ)
Return Loss	25 dB(typ)
Connector Type	N-female
Body	Brass, Plating Nickel
Center Contact	Phosphor Bronze, Plating Gold
Insulator	PTFE
Dimensions	19(φ) x 38 mm
Net Weight (approx.)	48.7 g

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Drawing



II. Adapters \In-Series



Features

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Features

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- Low Insertion Loss
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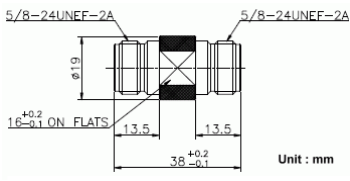
Item	AD18-50M50F-0I01
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Insertion Loss	0.1 dB(typ)
Return Loss	25 dB(typ)
Connector Type	N-male to N-female
Body	Brass, Plating Nickel
Center Contact	Phosphor Bronze, Plating Gold
Insulator	PTFE
Dimensions	20.6(φ) x 41.25mm
Net Weight (approx.)	56.8 g

Item	AD18-50F50F-0I01
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Insertion Loss	0.1 dB(typ)
Return Loss	25 dB(typ)
Connector Type	N-female
Body	Brass, Plating Nickel
Center Contact	Phosphor Bronze, Plating Gold
Insulator	PTFE
Dimensions	22(φ) x 38 mm
Net Weight (approx.)	47 g

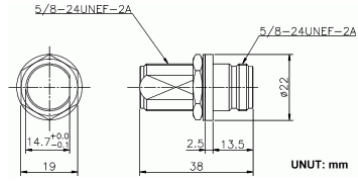
* Specifications may be changed depending on the model or customer's requirement

* Specifications may be changed depending on the model or customer's requirement

Drawing



Drawing





Features

- High Performance
- Up to 3 GHz
- Excellent Return Loss
- Ultra Low Insertion Loss
- Rugged Mechanical Structure
- High Precision
- High Stability

Item	AD03-76M76M-0S01	AD03-76M76F-0S01
Impedance	75 Ohm	75 Ohm
Frequency Range	300 kHz - 3 GHz	300 kHz - 3 GHz
Return Loss	30dB (min)	30dB (min)
Connector Type	N-male to N-male	N-male to N-female
Housing Material	Stainless Steel	
Center Pin Material	Gold-plated Beryllium Copper	
Dimensions	20(φ) x 47.2 mm	20(φ) x 45 mm
Net Weight	65.4 g	63.6 g

Item	AD03-76F76F-0S01
Impedance	75 Ohm
Frequency Range	300 kHz - 3 GHz
Return Loss	30dB (min)
Connector Type	N-female to N-female
Housing Material	Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper
Dimensions	20(φ) x 42.8 mm
Net Weight	61.8 g

* Specifications may be changed depending on the model or customer's requirement



Features

- High Performance
- Up to 3 GHz
- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Stability
- Good Plating Quality

Item	AD03-76F76F-0D01
Connector	N-female to N-female
Impedance	75 Ohm
Frequency Range	5 - 3000 MHz
Insertion Loss (5-3000 MHz)	0.1dB (typ) / 0.3dB (max)
Return Loss (5-3000MHz)	24dB (typ) / 20dB (min)
Contact Pin	Beryllium Copper
Body	Brass
Dimensions	17(φ) x 38(L) mm
Net Weight	43 g

* Specifications may be changed depending on the model or customer's requirement.

II. Adapters \In-Series

TNC to TNC Adapter

Stainless Steel PV 18GHz/ 11GHz 50Ohm

AD18-17 and AD11-17 are high performance TNC-type adapter series with gold-plated beryllium copper pin and passivated stainless steel housing designed.

Since the AD18-17 and AD11-17 series are designed with gold-plated beryllium copper pin and passivated stainless steel, they can provide a longer service life and are therefore very suitable for occasions that require frequent connection and unconnection.

In addition, it has a precision mechanical design, so it has extremely low insertion loss and excellent return loss up to 18/11 GHz. This makes it ideal for laboratory measurement requirements or advanced communication equipment.

They are also very suitable for production line testing or general signal connections.



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Passivated Stainless Steel
- Exquisite Plating Quality
- Good Weather Resistance

Model	Bandwidth	Connector Type
AD18-17M17M-0Q01	18 GHz	TNC-male
AD18-17F17F-0Q01	18 GHz	TNC-female
AD18-17M17F-0Q01	18 GHz	TNC-male to TNC-female
AD11-17M17M-0Q01	11 GHz	TNC-male
AD11-17F17F-0Q01	11 GHz	TNC-female
AD11-17M17F-0Q01	11 GHz	TNC-male to TNC-female

Item	AD11-17M17M-0Q01	AD11-17F17F-0Q01	AD11-17M17F-0Q01
Impedance	50 Ohm	50 Ohm	50 Ohm
Frequency Range	9 kHz - 11 GHz	9 kHz - 11 GHz	9 kHz - 11 GHz
Return Loss	20dB (min)	20dB (min)	20dB (min)
Connector Type	TNC-male to TNC-male	TNC-female to TNC-female	TNCN-male to TNC-female
Housing Material	Passivated Stainless Steel		
Center Pin Material	Gold-plated Beryllium Copper		
Dimensions	15.9(φ) x 47.7 mm	15.9(φ) x 43.7 mm	13.5(φ) x 39.7 mm
Net Weight	37.7 g	19.4 g	28.4 g

* Specifications may be changed depending on the model or customer's requirement.

II. Adapters \In-Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD34-35M35M-0S02	AD34-35F35M-0S02
Impedance	50 Ohm	50 Ohm
Frequency Range	9KHz - 34.5GHz	9KHz - 34.5GHz
Insertion Loss	0.2dB (typ) 0.29dB (max)	0.2dB (typ) 0.29dB (max)
Return Loss	30dB (typ) 20dB (min)	30dB (typ) 20dB (min)
Connector Type	3.5mm-male to 3.5mm-male	3.5mm-female to 3.5mm-male
Housing Material	Passivated Stainless Steel	
Center Pin Material	Gold-plated Beryllium Copper	
Dimensions	8.5(φ) x 31.7 mm	8.5(φ) x 30.9 mm
Net Weight	10.2 g	8.9 g

Item	AD34-35F35M-0S02
Impedance	50 Ohm
Frequency Range	9KHz - 34.5GHz
Insertion Loss	0.2dB (typ) 0.29dB (max)
Return Loss	30dB (typ) 20dB (min)
Connector Type	3.5mm-female to 3.5mm-female
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper
Dimensions	8.5(φ) x 30 mm
Net Weight	7.7 g

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD26-35M35M-0S02	AD26-35F35M-0S02
Impedance	50 Ohm	50 Ohm
Frequency Range	9KHz - 26.5GHz	9KHz - 26.5GHz
Insertion Loss	0.1dB (typ) 0.25dB (max)	0.1dB (typ) 0.25dB (max)
Return Loss	30dB (typ) 25dB (min)	30dB (typ) 25dB (min)
Connector Type	3.5mm-male to 3.5mm-male	3.5mm-female to 3.5mm-male
Housing Material	Passivated Stainless Steel	
Center Pin Material	Gold-plated Beryllium Copper	
Dimensions	9.0(φ) x 23.4 mm	9.0(φ) x 22.9 mm
Net Weight	7.0 g	5.8 g

Item	AD26-35F35F-0S02
Impedance	50 Ohm
Frequency Range	9KHz - 26.5GHz
Insertion Loss	0.1dB (typ) 0.25dB (max)
Return Loss	30dB (typ) 25dB (min)
Connector Type	3.5mm-female to 3.5mm-female
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper
Dimensions	9.0(φ) x 22.5 mm
Net Weight	4.8 g

* Specifications may be changed depending on the model or customer's requirement



II. Adapters \In-Series



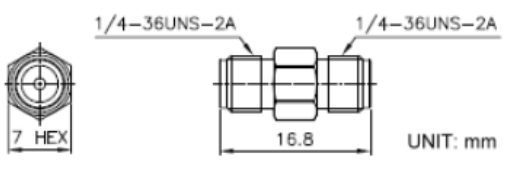
Features

- High Precision, up to 26.5 GHz
- Excellent Return Loss
- Low Insertion Loss
- Ruggedized Construction, High Stability
- Exquisite Plating Quality
- Gold-plated Brass

Item	AD26-31F31F-0S01
Impedance	50 ohm
Frequency Range	9 KHz - 26.5 GHz
Insertion Loss (< 18 GHz)	0.08dB (typ) / 0.2dB (max)
Insertion Loss (< 26.5 GHz)	0.15dB (typ) / 0.3dB (max)
Return Loss (< 18 GHz)	30dB (typ) / 26dB (min)
Return Loss (< 26.5 GHz)	30dB (typ) / 24dB (min)
Connector	both side SMA-female
Center Pin	Beryllium Copper
Body Material and Plating	Gold-plated Brass
Dimensions	7.0(±) x 16.8 mm
Net Weight	2.5g

* Specifications may be changed depending on the model or customer's requirement.

Drawing



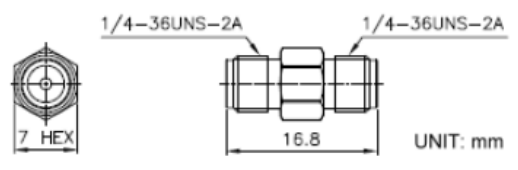
Features

- High Precision, up to 26.5 GHz
- Excellent Return Loss
- Low Insertion Loss
- Ruggedized Construction, High Stability
- Exquisite Plating Quality
- Passivated Stainless Steel

Item	AD26-31F31F-0S02
Impedance	50 ohm
Frequency Range	9 KHz - 26.5 GHz
Insertion Loss (< 18 GHz)	0.08dB (typ) / 0.2dB (max)
Insertion Loss (< 26.5 GHz)	0.15dB (typ) / 0.3dB (max)
Return Loss (< 18 GHz)	30dB (typ) / 26dB (min)
Return Loss (< 26.5 GHz)	30dB (typ) / 24dB (min)
Connector	both side SMA-female
Center Pin	Beryllium Copper
Body Material and Plating	Passivated Stainless Steel
Dimensions	7.0(±) x 16.8 mm
Net Weight	2.5g

* Specifications may be changed depending on the model or customer's requirement.

Drawing



II. Adapters \In-Series



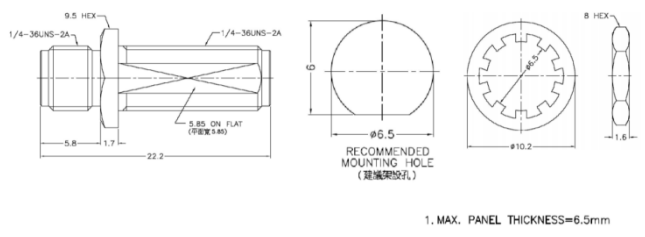
Features

- High Precision, up to 18 GHz
- Excellent Return Loss
- Low Insertion Loss
- Ruggedized Construction, High Stability
- Exquisite Plating Quality

Item	AD18-31F31F-0I01
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20 dB(typ)
Connector Type	SMA
Center Pin	Beryllium Copper
Body Material and Plating	Gold-plated Brass

* Specifications may be changed depending on the model or customer's requirement.

Drawing



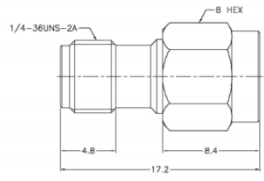
Features

- High Precision, up to 18 GHz
- Excellent Return Loss
- Low Insertion Loss
- Ruggedized Construction, High Stability
- Exquisite Plating Quality

Item	AD18-31F31M-0I01
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20 dB(typ)
Connector Type	SMA
Center Pin	Beryllium Copper
Body Material and Plating	Gold-plated Brass

* Specifications may be changed depending on the model or customer's requirement.

Drawing



SMA Push-On Male to Female adapter is a quick connection design with high performance.

It features a precision mechanical design with extremely low insertion loss and excellent return loss up to 18 GHz.

This makes it an ideal choice for lab measurement requirement or advanced communication devices.





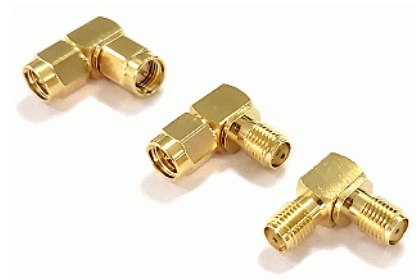
Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-31M31M-0Q01	AD18-31M31F-0Q01
Impedance	50 Ohm	50 Ohm
Frequency Range	9 kHz - 18 GHz	9 kHz - 18 GHz
Insertion Loss	0.1dB (typ)	0.1dB (typ)
Return Loss	20dB (min)	20dB (min)
Connector Type	SMA-male to SMA-male	SMA-male to SMA-female
Housing Material	Passivated Stainless Steel	
Center Pin Material	Gold-plated Beryllium Copper	
Dimensions	9.0(±) x 26.8 mm	9.0(±) x 26.0 mm
Net Weight	6.3 g	5.6 g

Item	AD18-31F31F-0Q01
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Insertion Loss	0.1dB (typ)
Return Loss	20dB (min)
Connector Type	SMA-female to SMA-female
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper
Dimensions	9.0(±) x 25.0 mm
Net Weight	4.9 g

* Specifications may be changed depending on the model or customer's requirement



Features

- High Performance, up to 18 GHz
- Excellent Return Loss
- Low Insertion Loss
- High Stability
- Exquisite Plating Quality

Item	AD18-31M31M-0S01	AD18-31M31F-0S01
Impedance	50 Ohm	50 Ohm
Frequency Range	9 kHz - 18 GHz	9 kHz - 18 GHz
Return Loss	20dB (min)	20dB (min)
Connector Type	SMA-male to SMA-male	SMA-male to SMA-female
Body	Gold-Plated Brass	
Center Pin	Gold-plated Beryllium Copper	
Dimensions	8(H)x17.4(W)x17.4(L) mm	8(H)x16.6(W)x17.4(L) mm
Net Weight	8.0 g	6.5 g

Item	AD18-31F31F-0S01
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20dB (min)
Connector Type	SMA-female to SMA-female
Body	Gold-Plated Brass
Center Pin	Gold-plated Beryllium Copper
Dimensions	8(H)x16.6(W)x16.6(L) mm
Net Weight	5.1 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \In-Series

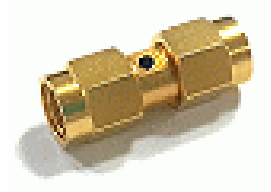


Features

- High Performance, up to 18 GHz
- Excellent Return Loss
- Low Insertion Loss
- High Stability
- Exquisite Plating Quality

Item	AD18-31F31FSF-BG
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Insertion Loss	0.2dB (max)
Return Loss	20dB (min)
Connector	both side SMA-female
Net Weight	3.6 g

* Specifications may be changed depending on the model or customer's requirement



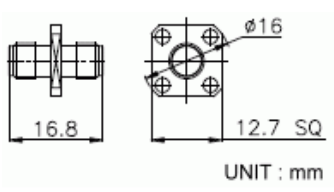
Features

- High Performance, up to 18 GHz
- Excellent Return Loss
- Low Insertion Loss
- High Stability
- Exquisite Plating Quality

Item	AD18-31M31M-0D01
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Insertion Loss	0.12dB (typ)
Return Loss	20dB (typ) / 18dB (min)
Connector	both side SMA-male
Contact Pin	Brass
Body	Brass
Net Weight	6.5 g

* Specifications may be changed depending on the model or customer's requirement

Drawing





Features

- High Performance, up to 18 GHz
- Excellent Return Loss
- Low Insertion Loss
- High Stability
- Exquisite Plating Quality

Item	AD18-31M31F-0D01
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Insertion Loss	0.12dB (typ)
Return Loss	20dB (typ) / 16dB (min)
Connector	SMA-male to SMA-female
Contact Pin	Beryllium Copper
Body	Brass
Dimensions	8(φ) x 17 mm
Net Weight	4.6 g

* Specifications may be changed depending on the model or customer's requirement



Features

- Up to 10 GHz
- Excellent Return Loss
- Low Insertion Loss
- High Stability
- Exquisite Plating Quality

Item	AD10-31M31M-1A01
Impedance	50 Ohm
Frequency Range	9 kHz - 10 GHz
Insertion Loss	0.12dB (typ)
Return Loss	20dB (typ) / 18dB (min)
Connector	both side SMA-male
Contact Pin	Brass
Body	Brass
Net Weight	6.5 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \In-Series



Features

- Up to 10 GHz
- Excellent Return Loss
- Low Insertion Loss
- High Stability
- Exquisite Plating Quality

Item	AD10-31M66F-1A01
Impedance	50 Ohm
Frequency Range	9 kHz - 10 GHz
Insertion Loss	0.12dB (typ)
Return Loss	20dB (typ) / 16dB (min)
Connector	SMA-male to RP SMA-female
Contact Pin	Brass
Body	Brass
Dimensions	8(φ) x 17 mm
Net Weight	4.6 g

* Specifications may be changed depending on the model or customer's requirement



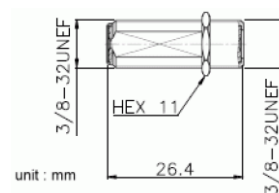
Features

- High Performance
- Up to 3 GHz
- Excellent Return Loss
- Low Insertion Loss
- Rugged Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality

Item	AD03-75F75F-0A01
Impedance	75 Ohm
Frequency Range	5 - 3000 MHz
Insertion Loss	0.1dB (typ) / 0.3dB (max)
Return Loss	24dB (typ) / 20dB (min)
Connector	Both side, F-female type
Dimensions	12.5(φ) x 26.4 mm
Net Weight	5.9 g

* Specifications may be changed depending on the model or customer's requirement

Drawing



II. Adapters

\In-Series



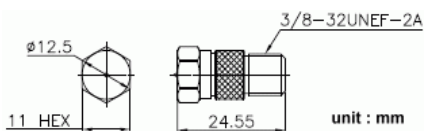
Features

- Up to 3GHz
- Excellent Return Loss
- Low Insertion Loss
- High Stability
- Exquisite Plating Quality

Item	AD03-75F75F-0A01
Impedance	75 Ohm
Frequency Range	5 - 3000 MHz
Insertion Loss	0.1dB (typ) / 0.3dB (max)
Return Loss	24dB (typ) / 20dB (min)
Connector	Both side, F-female type
Dimensions	12.5(φ) x 26.4 mm
Net Weight	5.9 g

* Specifications may be changed depending on the model or customer's requirement

Drawing



Features

- High Performance
- Up to 3 GHz
- Excellent Return Loss
- Low Insertion Loss
- Rugged Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality

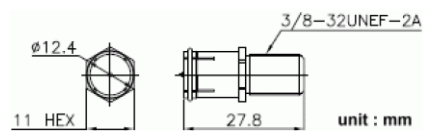
Item	AD03-75M75F-0K01
Impedance	75 Ohm
Frequency Range	5 - 3000 MHz
Insertion Loss (@ 3 GHz)	0.15dB (typ) / 0.35dB (max)
Return Loss (< 2000 MHz)	25dB (typ) / 22dB (min)
Return Loss (< 3000 MHz)	24dB (typ) / 20dB (min)
Connector	Push-on F-male to F-female
Dimensions	12.4(φ) x 27.8 mm
Net Weight	7.2 g

* Specifications may be changed depending on the model or customer's requirement

* Models showed are for customers information.

* If you need items work at different frequency, please inquire.

Drawing



II. Adapters \In-Series



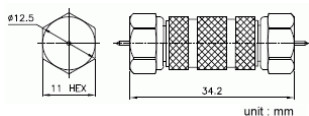
Features

- High Performance
- Up to 3 GHz
- Excellent Return Loss
- Low Insertion Loss
- Rugged Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality

Item	AD03-75M75M-0A01
Impedance	75 Ohm
Frequency Range	5 - 3000 MHz
Insertion Loss	0.1dB (typ) / 0.3dB (max)
Return Loss (< 1000 MHz)	35dB (typ) / 30dB (min)
Return Loss (< 3000 MHz)	30dB (typ) / 22dB (min)
Connector	Both side, F-male type
Dimensions	12.5(φ) x 34.2 mm
Net Weight	14 g

* Specifications may be changed depending on the model or customer's requirement
 * Models showed are for customers information.
 * If you need items work at different frequency, please inquire.

Drawing



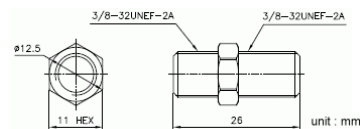
Features

- High Performance
- Up to 3 GHz
- Excellent Return Loss
- Low Insertion Loss
- Rugged Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality

Item	AD03-75F75F-0Z01
Impedance	75 Ohm
Frequency Range	5 - 3000 MHz
Insertion Loss	0.08dB (typ) / 0.3dB (max)
Return Loss (< 1000 MHz)	30dB (typ) / 25dB (min)
Return Loss (< 3000 MHz)	25dB (typ) / 20dB (min)
Connector	Both side, F-female type
Dimensions	12.5(φ) x 26 mm
Net Weight	6.5 g

* Specifications may be changed depending on the model or customer's requirement
 * Models showed are for customers information.
 * If you need items work at different frequency, please inquire.

Drawing



II. Adapters \In-Series



Features

- High Performance
- Up to 3 GHz
- Excellent Return Loss
- Ultra Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability

Features

- High Performance
- Up to 3 GHz
- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD03-75M75MSN-SP	AD03-75M75FSN-SP
Impedance	75 Ohm	75 Ohm
Frequency Range	300 kHz - 3 GHz	300 kHz - 3 GHz
Return Loss	35dB (min)	35dB (min)
Connector Type	F-male to F-male	F-male to F-female
Housing Material	Stainless Steel	
Center Pin Material	Gold-plated Beryllium Copper	
Dimensions	15.0(φ) x 46.1 mm	15.0(φ) x 40.9 mm
Net Weight	37.0 g	29.0 g

Item	AD03-78M78MSN-BW
Impedance	75 Ohm
Frequency Range	5 - 3000 MHz
Return Loss	20dB (min)
Connector	BNC-male to BNC-male
Dimensions	14.5(φ) x 36.4 mm
Net Weight	19 g

Item	AD03-75F75FSN-SP
Impedance	75 Ohm
Frequency Range	300 kHz - 3 GHz
Return Loss	35dB (min)
Connector Type	F-female to F-female
Housing Material	Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper
Dimensions	15.0(φ) x 35.7 mm
Net Weight	21.2 g

* Specifications may be changed depending on the model or customer's requirement

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \In-Series



Features

- High Performance
- Up to 3 GHz
- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD03-78F78FSN-BW
Impedance	75 Ohm
Frequency Range	5 - 3000 MHz
Return Loss	20dB (min)
Connector	BNC-female to BNC-female
Dimensions	11(φ) x 32.5 mm
Net Weight	10.2 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Precision adapters are widely used in lab or field applications. These adapters must be high quality and well performance to ensure accurate result.

Soontai offers a series of test grade mmWave adapters including 1.85mm(V), 2.4mm(Q), 2.92mm(K) and others for selection.

With low insertion loss and excellent return loss performance, they are suitable for using in test equipments and VNA. Stainless Steel configuration enables a longer and more durable life cycle.

Item	AD50-18M24M-0B01
Connector Type	1.85mm-male to 2.4mm-male
Impedance	50 Ohm
Frequency Range	9 kHz - 50 GHz
Return Loss	19dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement.



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Precision adapters are widely used in lab or field applications. These adapters must be high quality and well performance to ensure accurate result.

Soontai offers a series of test grade mmWave adapters including 1.85mm(V), 2.4mm(Q), 2.92mm(K) and others for selection.

With low insertion loss and excellent return loss performance, they are suitable for using in test equipments and VNA. Stainless Steel configuration enables a longer and more durable life cycle.

Item	AD50-18M24F-0B01
Connector Type	1.85mm-female to 2.4mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 50 GHz
Return Loss	19dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement.

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Precision adapters are widely used in lab or field applications. These adapters must be high quality and well performance to ensure accurate result.

Soontai offers a series of test grade mmWave adapters including 1.85mm(V), 2.4mm(Q), 2.92mm(K) and others for selection.

With low insertion loss and excellent return loss performance, they are suitable for using in test equipments and VNA. Stainless Steel configuration enables a longer and more durable life cycle.

Item	AD50-18F24F-0B01
Connector Type	1.85mm-male to 2.4mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 50 GHz
Return Loss	19dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement.



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Precision adapters are widely used in lab or field applications. These adapters must be high quality and well performance to ensure accurate result.

Soontai offers a series of test grade mmWave adapters including 1.85mm(V), 2.4mm(Q), 2.92mm(K) and others for selection.

With low insertion loss and excellent return loss performance, they are suitable for using in test equipments and VNA. Stainless Steel configuration enables a longer and more durable life cycle.

Item	AD50-18F24M-0B01
Connector Type	1.85mm-female to 2.4mm-male
Impedance	50 Ohm
Frequency Range	9 kHz - 50 GHz
Return Loss	19dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement.

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD40-18M29M-0B01
Connector Type	1.85mm-male to 2.92mm-male
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Return Loss	19dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement.



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD40-18M29F-0B01
Connector Type	1.85mm-male to 2.92mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Return Loss	19dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement.

II. Adapters \ Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- Precision
- High Stability
- Good Plating Quality
- Good Weather Resistance

Item	AD40-18F29F-0B01
Connector Type	1.85mm-female to 2.92mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Return Loss	19dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement.



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD40-18F29M-0B01
Connector Type	1.85mm-female to 2.92mm-male
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Return Loss	19dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD26-18M35M-0B01
Connector Type	1.85mm-male to 3.5mm-male
Impedance	50 Ohm
Frequency Range	9 kHz - 26.5 GHz
Return Loss	19dB (min)
Housing Material	Passivated Stainless Steel

* Specifications may be changed depending on the model or customer's requirement.



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD26-18M35F-0B01
Connector Type	1.85mm-male to 3.5mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 26.5 GHz
Return Loss	19dB (min)
Housing Material	Passivated Stainless Steel

* Specifications may be changed depending on the model or customer's requirement.

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- Precision
- High Stability
- Good Plating Quality
- Good Weather Resistance

Item	AD26-18F35F-0B01
Connector Type	1.85mm-female to 3.5mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 26.5 GHz
Return Loss	19dB (min)
Housing Material	Passivated Stainless Steel

* Specifications may be changed depending on the model or customer's requirement.



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD26-18F35M-0B01
Connector Type	1.85mm-female to 3.5mm-male
Impedance	50 Ohm
Frequency Range	9 kHz - 26.5 GHz
Return Loss	19dB (min)
Housing Material	Passivated Stainless Steel

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-50M17M-0Q01
Connector	N-male to TNC-male
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel
Dimensions	21(φ) x 39.3(L) mm
Net Weight	43.9 g

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-50F17F-0Q01
Connector	N-female to TNC-female
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel
Dimensions	15.75(φ) x 35.5(L) mm
Net Weight	26.3 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-50M17F-0Q01
Connector	N-male to TNC-female
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel
Dimensions	21(Φ) x 37.2(L) mm
Net Weight	35.4 g

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-50F17M-0Q01
Connector	N-female to TNC-male
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel
Dimensions	16(Φ) x 37.6(L) mm
Net Weight	36.1 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-50M35M-0Q01
Connector	N-male to 3.5mm-male
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel
Dimensions	21(Φ) x 38.8(L) mm
Net Weight	35.2 g

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-50F35F-0Q01
Connector	N-female to 3.5mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel
Dimensions	26.3(Φ) x 36.0(L) mm
Net Weight	24.3 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-50M35F-0Q01
Connector	N-male to 3.5mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel
Dimensions	21(Φ) x 37.7(L) mm
Net Weight	34 g

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-35M17M-0Q01
Connector	3.5mm-male to TNC-male
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel
Dimensions	16(Φ) x 43.7(L) mm
Net Weight	29.2 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-35F17F-0Q01
Connector	3.5mm-female to TNC-female
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel
Dimensions	13.5(φ) x 38.6(L) mm
Net Weight	18.7 g

* Specifications may be changed depending on the model or customer's requirement



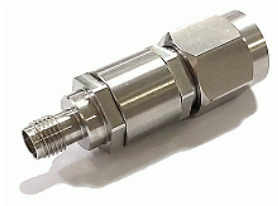
Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-35M17F-0Q01
Connector	3.5mm-male to TNC-female
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel
Dimensions	13.5(φ) x 38.6(L) mm
Net Weight	20 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series

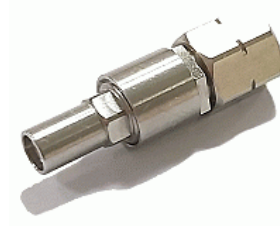


Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-35F17M-0Q01
Connector	3.5mm-female to TNC-male
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel
Dimensions	16(φ) x 42.6(L) mm
Net Weight	27.8 g

* Specifications may be changed depending on the model or customer's requirement



Features

- Up to 40 GHz
- Low Insertion Loss
- Excellent Return Loss
- Excellent Mechanical Structure
- High Precision
- High Stability

The AD40-38M24M-0Q01 is a high performance 50 ohm SMP-male to 2.4mm-male adapter. With precise mechanical design, it has extremely low insertion loss and excellent return loss up to 40 GHz. It is very suitable for laboratory measurement requirements or advanced communication equipment.

Item	AD40-38M24M-0Q01
Connector	SMP-male to 2.4mm-male
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel
Dimensions	8.94(φ) x 26.1(L) mm

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Up to 40 GHz
- Low Insertion Loss
- Excellent Return Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality

The AD40-38F24F-0Q01 is a high performance 50 ohm SMP-female to 2.4mm-female adapter.

With high precision mechanical design, it has extremely low insertion loss and excellent return loss up to 40 GHz.

It is very suitable for laboratory measurement requirements or advanced communication equipment.

Item	AD40-38F24F-0Q01
Connector	SMP-female to 2.4mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel, Gold-plated Brass
Dimensions	8(φ) x 25.2(L) mm
Net Weight	5.3 g

* Specifications may be changed depending on the model or customer's requirement



Features

- Up to 40 GHz
- Low Insertion Loss
- Excellent Return Loss
- Excellent Mechanical Structure
- High Precision
- High Stability

The AD40-38M24F-0Q01 is a high performance 50 ohm SMP-male to 2.4mm-female adapter.

With high precision mechanical design, it has extremely low insertion loss and excellent return loss up to 40 GHz. It is very suitable for laboratory measurement requirements or advanced communication equipment.

Item	AD40-38M24F-0Q01
Connector	SMP-male to 2.4mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel
Dimensions	8(φ) x 25.2(L) mm
Net Weight	5.4 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Up to 40 GHz
- Low Insertion Loss
- Excellent Return Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality

The AD40-38F24F-0Q01 is a high performance 50 ohm SMP-female to 2.4mm-male adapter.

With high precision mechanical design, it has extremely low insertion loss and excellent return loss up to 40 GHz. It is very suitable for laboratory measurement requirements or advanced communication equipment.

Item	AD40-38F24M-0Q01
Connector	SMP-female to 2.4mm-male
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel, Gold-plated Brass
Dimensions	8.94(±) x 26(L) mm
Net Weight	5.6 g

* Specifications may be changed depending on the model or customer's requirement



Features

- Up to 40 GHz
- Low Insertion Loss
- Excellent Return Loss
- Excellent Mechanical Structure
- High Precision
- High Stability

The AD40-38M29M-0Q01 is a high performance 50 ohm SMP-male to 2.92mm-male adapter.

With precise mechanical design, it has extremely low insertion loss and excellent return loss up to 40 GHz. It is very suitable for laboratory measurement requirements or advanced communication equipment.

Item	AD40-38M29M-0Q01
Connector	SMP-male to 2.92mm-male
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel
Dimensions	8.94(±) x 26.1(L) mm
Net Weight	5.7 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Up to 18 GHz
- Low Insertion Loss
- Excellent Return Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality

Item	AD18-38F35F-0Q01
Connector	SMP-female to 3.5mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel, Gold-plated Brass
Dimensions	8(φ) x 25.2(L) mm
Net Weight	4.7 g

* Specifications may be changed depending on the model or customer's requirement



Features

- Up to 18 GHz
- Low Insertion Loss
- Excellent Return Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality

Item	AD18-38M35F-0Q01
Connector	SMP-male to 3.5mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Return Loss	20dB (min)
Contact Pin	Gold-plated Beryllium Copper
Body	Passivated Stainless Steel
Dimensions	8(φ) x 25.2(L) mm
Net Weight	4.8 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Compact Size
- Excellent Return Loss
- Low Insertion Loss
- Low PIM
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD06-68M35F-1B01
Connector	NEX10-male to 3.5mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 6 GHz
Return Loss	20dB (min)
PIM	< -155 dBc
Contact Pin	Silver Plated Beryllium Copper
Body	White-bronze Plated Brass
Dimensions	12(φ) x 27.05(L) mm
Net Weight	10 g

* Specifications may be changed depending on the model or customer's requirement



Features

- Compact Size
- Excellent Return Loss
- Low Insertion Loss
- Low PIM
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD06-68F31F-1B01
Connector	NEX10-female to SMA-female
Impedance	50 Ohm
Frequency Range	9 kHz - 6 GHz
Return Loss	20 dB(min)
PIM	< -155 dBc
Contact Pin	Silver Plated Beryllium Copper
Body	White-bronze Plated Brass
Dimensions	9.8(φ) x 28(L) mm
Net Weight	9.4 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD40-24M29M-0Q01
Connector Type	2.4mm-male to 2.92mm-male
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Return Loss	20dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD40-24F29F-0Q01
Connector Type	2.4mm-female to 2.92mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Return Loss	20dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD40-24M29F-0Q01
Connector Type	2.4mm-male to 2.92mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Return Loss	20dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD40-24F29M-0Q01
Connector Type	2.4mm-female to 2.92mm-male
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Return Loss	20dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD26-24M35M-0B01
Connector Type	2.4mm-male to 3.5mm-male
Impedance	50 Ohm
Frequency Range	9 kHz - 26.5 GHz
Return Loss	20dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD26-24M35F-0B01
Connector Type	2.4mm-male to 3.5mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 26.5 GHz
Return Loss	20dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- Precision
- High Stability
- Good Plating Quality
- Good Weather Resistance

Item	AD26-24F35F-0B01
Connector Type	2.4mm-female to 3.5mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 26.5 GHz
Return Loss	20dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- Precision
- High Stability
- Good Plating Quality
- Good Weather Resistance

Item	AD26-24F35M-0B01
Connector Type	2.4mm-female to 3.5mm-male
Impedance	50 Ohm
Frequency Range	9 kHz - 26.5 GHz
Return Loss	20dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD26-29M35M-0B01
Connector Type	2.92mm-male to 3.5mm-male
Impedance	50 Ohm
Frequency Range	9 kHz - 33 GHz
Return Loss	20dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD26-29M35F-0B01
Connector Type	2.92mm-male to 3.5mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 33 GHz
Return Loss	20dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD26-29F35F-0B01
Connector Type	2.92mm-female to 3.5mm-female
Impedance	50 Ohm
Frequency Range	9 kHz - 33 GHz
Return Loss	20dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD26-29F35M-0B01
Connector Type	2.92mm-female to 3.5mm-male
Impedance	50 Ohm
Frequency Range	9 kHz - 33 GHz
Return Loss	20dB (min)
Housing Material	Passivated Stainless Steel
Center Pin Material	Gold-plated Beryllium Copper

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \ Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality

Item	AD10-50M31F-1A01
Impedance	50 Ohm
Frequency Range	9 kHz - 10 GHz
Insertion Loss	0.12dB (typ)
Return Loss	20dB (min)
Connector	N-male to SMA-female
Contact Pin	Ph. Bronze
Body	Brass
Dimensions	21(φ) x 32.5 mm
Net Weight	43 g

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-50M31M-0D01
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Insertion Loss	0.1dB (typ)
Return Loss	25dB (typ) / 18dB (min)
Connector	N-male to SMA-male
Contact Pin	Brass
Body	Brass
Dimensions	21(φ) x 43.4 mm
Net Weight	45 g

* Specifications may be changed depending on the model or customer's requirement.

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- Precision
- High Stability
- Good Plating Quality
- Good Weather Resistance

Item	AD18-50F31M-0D01
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Insertion Loss	0.1dB (typ)
Return Loss	25dB (typ) / 20dB (min)
Connector	N-female to SMA-male
Contact Pin	Beryllium Copper
Body	Brass
Dimensions	15.7(φ) x 43.6 mm
Net Weight	34.5 g

* Specifications may be changed depending on the model or customer's requirement.



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD18-50M31F-0D01
Impedance	50 Ohm
Frequency Range	9 kHz - 18 GHz
Insertion Loss	0.1dB (typ)
Return Loss	25dB (typ) / 20dB (min)
Connector	N-male to SMA-female
Contact Pin	Beryllium Copper
Body	Brass
Dimensions	21(φ) x 40.5 mm
Net Weight	43 g

* Specifications may be changed depending on the model or customer's requirement.

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD04-50M28M-0D01
Connector	N-male to BNC-male
Impedance	50 Ohm
Frequency Range	9kHz - 4GHz
Return Loss	20dB (min)
Contact Pin	Brass
Body	Brass
Dimensions	21(Φ) x 38.2(L) mm
Net Weight	40.5 g

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- Precision
- High Stability
- Good Plating Quality
- Good Weather Resistance

Item	AD04-50F28F-0D01
Connector	N-female to BNC-female
Impedance	50 Ohm
Frequency Range	9 kHz - 4 GHz
Return Loss	20dB (min)
Contact Pin	Beryllium Copper
Body	Brass
Dimensions	19(Φ) x 38.3(L) mm
Net Weight	31.9 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD04-50M28F-0D01
Connector	N-male to BNC-female
Impedance	50 Ohm
Frequency Range	9kHz - 4GHz
Return Loss	20dB (min)
Contact Pin	Brass
Body	Brass
Dimensions	21(Φ) x 35.7(L) mm
Net Weight	40.3 g

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- Precision
- High Stability
- Good Plating Quality
- Good Weather Resistance

Item	AD04-50F28M-0D01
Connector	N-female to BNC-male
Impedance	50 Ohm
Frequency Range	9 kHz - 4 GHz
Return Loss	20dB (min)
Contact Pin	Brass
Body	Brass
Dimensions	19(Φ) x 40.8(L) mm
Net Weight	41.3 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- High Performance
- Up to 3 GHz
- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD02-76M78FSN-BW
Connector	N-male to BNC-female
Impedance	75 Ohm
Frequency Range	5 - 3000 MHz
Return Loss	20dB (min)
Dimensions	21(Φ) x 35.7(L) mm
Net Weight	40 g

* Specifications may be changed depending on the model or customer's requirement



Features

- High Performance
- Up to 3 GHz
- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD02-76F78MSN-BW
Connector	N-female to BNC-male
Impedance	75 Ohm
Frequency Range	5 - 3000 MHz
Return Loss	20dB (min)
Dimensions	19(Φ) x 40.8(L) mm
Net Weight	39.5 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \ Between Series



Features

- High Performance
- Up to 3 GHz
- Excellent Return Loss
- Low Insertion Loss
- Rugged Mechanical Structure
- High Precision
- High Stability
- Good Plating Quality

Item	AD03-76M75M-0D01
Connector	N-male to F-male
Impedance	75 Ohm
Frequency Range	5 - 3000 MHz
Insertion Loss	0.1dB (typ) / 0.3dB (max)
Return Loss	25dB (typ) / 20dB (min)
Dimensions	21(Φ) x 36.2(L) mm
Net Weight	51.6 g

* Specifications may be changed depending on the model or customer's requirement



Features

- High Performance
- Up to 3 GHz
- Excellent Return Loss
- Low Insertion Loss
- Rugged Mechanical Structure
- High Precision
- High Stability
- Good Plating Quality

Item	AD03-76F75F-0D01
Connector	N-female to F-female
Impedance	75 Ohm
Frequency Range	5 - 3000 MHz
Insertion Loss	0.05dB (typ) / 0.3dB (max)
Return Loss	25dB (typ) / 20dB (min)
Dimensions	17(Φ) x 30.85(L) mm
Net Weight	26.7 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD04-28M31M-0D01
Impedance	50 Ohm
Frequency Range	9 kHz - 4 GHz
Return Loss	20dB (min)
Connector	BNC-male to SMA-male
Contact Pin	Brass
Body	Brass
Dimensions	14.5(φ) x 32.3 mm
Net Weight	15 g

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD04-28F31M-0D01
Impedance	50 Ohm
Frequency Range	9 kHz - 4 GHz
Return Loss	20dB (min)
Connector	BNC-female to SMA-female
Contact Pin	Beryllium Copper
Body	Brass
Dimensions	13.5(φ) x 24.3 mm
Net Weight	6.4 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD04-28M31F-0D01
Impedance	50 Ohm
Frequency Range	9 kHz - 4 GHz
Return Loss	20dB (min)
Connector	BNC-male to SMA-female
Contact Pin	Phosphor Bronze
Body	Brass
Dimensions	14.5(φ) x 31.5 mm
Net Weight	15 g

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD04-28F31M-0D01
Impedance	50 Ohm
Frequency Range	9 kHz - 4 GHz
Return Loss	20dB (min)
Connector	BNC-female to SMA-male
Contact Pin	Phosphor Bronze
Body	Brass
Dimensions	13.5(φ) x 25.1 mm
Net Weight	7.7 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- High Performance
- Up to 3 GHz
- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD03-78M75FSN-BW
Impedance	75 Ohm
Frequency Range	5 - 3000 MHz
Return Loss	20dB (min)
Connector	BNC-male to F-female
Dimensions	14.46(φ) x 28.6 mm
Net Weight	11.1g

* Specifications may be changed depending on the model or customer's requirement



Features

- High Performance
- Up to 3 GHz
- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD03-78F75FSN-BW
Impedance	75 Ohm
Frequency Range	5 - 3000MHz
Return Loss	20dB (min)
Connector	BNC-female to F-female
Dimensions	11(φ) x 25.25 mm
Net Weight	6.5g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD02-78M75MSN-BW
Impedance	75 Ohm
Frequency Range	5 - 2000 MHz
Return Loss	20dB (min)
Connector	BNC-male to F-male
Dimensions	14.5(φ) x 36.8 mm
Net Weight	18 g

* Specifications may be changed depending on the model or customer's requirement



Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD02-78F75MSN-BW
Impedance	75 Ohm
Frequency Range	5 - 2000 MHz
Return Loss	20dB (min)
Connector	BNC-female to F-male
Dimensions	14.5(φ) x 36.3 mm
Net Weight	15.8 g

* Specifications may be changed depending on the model or customer's requirement

II. Adapters \Between Series



Features

- High Performance
- Up to 3 GHz
- Low Insertion Loss
- Excellent Return Loss
- High Precision
- Excellent Mechanical Structure
- High Stability
- Exquisite Plating Quality

Item	AD03-77F75M-0A01
Impedance	75 Ohm
Frequency Range	5 - 3000MHz
Insertion Loss	0.1dB (typ) / 0.3dB (max)
Return Loss	24dB (typ) / 18dB (min)
Connector	MCX-female to F-male
Dimensions	11(φ) x 30.5 mm
Net Weight	7.5 g

* Specifications may be changed depending on the model or customer's requirement



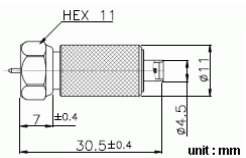
Features

- High Performance
- Up to 3 GHz
- Low Insertion Loss
- Excellent Return Loss
- High Precision
- Excellent Mechanical Structure
- High Stability
- Exquisite Plating Quality

Item	AD03-77M75F-0A01
Impedance	75 Ohm
Frequency Range	5 - 3000 MHz
Insertion Loss	0.1dB (typ) / 0.3dB (max)
Return Loss	24dB (typ) / 18dB (min)
Connector	MCX-male to F-female
Dimensions	11(φ) x 23.9 mm
Net Weight	6.5 g

* Specifications may be changed depending on the model or customer's requirement

Drawing



II. Adapters \Between Series



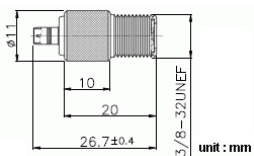
Features

- Wideband, up to 3 GHz
- Low Insertion Loss
- Excellent Return Loss
- Excellent Mechanical Structure
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD02-72M75F-0A01
Impedance	75 Ohm
Frequency Range	5 - 3000 MHz
Insertion Loss	0.1dB (typ) / 0.3dB (max)
Return Loss (5-2000MHz)	22dB (typ) / 20dB (min)
Return Loss (2001-3000MHz)	18dB (typ) / 16dB (min)
Connector	SMB-male to F-female
Dimensions	11(φ) x 26.7 mm
Net Weight	7.5 g

* Specifications may be changed depending on the model or customer's requirement

Drawing



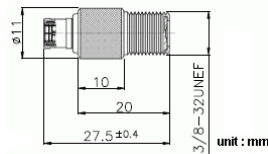
Features

- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD02-72F75F-0A01
Impedance	75 Ohm
Frequency Range	5 - 3000 MHz
Insertion Loss	0.1dB (typ) / 0.3dB (max)
Return Loss (< 2000 MHz)	22dB (typ) / 20dB (min)
Return Loss (< 3000 MHz)	18dB (typ) / 16dB (min)
Connector	SMB-female to F-female
Dimensions	11(φ) x 27.5 mm
Net Weight	8.2 g

* Specifications may be changed depending on the model or customer's requirement

Drawing



II. Adapters \Between Series



Features

- Reference to IEC 61169-2 Standard Designed
- Excellent Return Loss
- Low Insertion Loss
- Excellent Mechanical Structure
- High Precision
- High Stability
- Exquisite Plating Quality
- Good Weather Resistance

Item	AD03-71F75F-0S01	AD03-71M75F-0S01
Connector Type	IEC-female to F-female	IEC-male to F-female
Impedance	75 Ohm	
Frequency Range	300 kHz - 3 GHz	
Insertion Loss	0.1 dB(typ)	
Return Loss (< 2 GHz)	24 dB(typ)	
Return Loss (< 3 GHz)	14 dB(typ)	
Body	Brass, Nickel-plated	
Center Contact	Phosphor Bronze, Gold-plated	
Insulator	PTFE	
Dimensions	14(±) x 21.6 mm	12.5(±) x 21.3 mm
Net Weight (approx.)	9.6 g	6.5 g

* Specifications may be changed depending on the model or customer's requirement

SMA Male/ Male Cable

18GHz 50ohm

The CC20-31M31M68 and CC18-31M31M68 is a series of high performance test cables with male SMA connectors on both sides. It is designed for general laboratory measurement or production line testing as well as 50 ohm communication system applications.

This series boasts great electrical characteristics like low insertion loss and excellent return loss up to 20 GHz as well as outstanding mechanical durability.

They are ideal for general test or signal connection in 50 ohm communication systems such as 4G / 5G, WiFi, Bluetooth and more.



Features

- High Quality Cable
- Up to 20 GHz
- Low Insertion Loss
- Excellent Return Loss
- High Precision Connectors
- Meet IEC 61196-1-314 Flex Test
- 100% QC

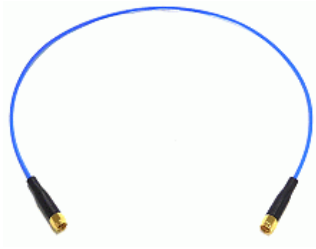
Item	CC20-31M31M68-0S01-0600	CC18-31M31M68-0S02-0600	CC18-31M31M68-0S01-0600	CC20-31M31M68-0S02-0600	CC18-31M31M68-0S04-0600	CC18-31M31M68-0S03-0600
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Frequency Range	9 kHz - 20 GHz	9 kHz - 18 GHz	9 kHz - 18 GHz	9 kHz - 20 GHz	9 kHz - 18 GHz	9 kHz - 18 GHz
Insertion Loss	1.3dB (typ)	1.3dB (typ)	1.4dB (typ)	1.3dB (typ)	1.3dB (typ)	1.4dB (typ)
	1.6dB (max)	1.6dB (max)	1.7dB (max)	1.6dB (max)	1.6dB (max)	1.7dB (max)
Return Loss (< 8 GHz)	26 dB(typ)	24 dB(typ)	20 dB(typ)	26 dB(typ)	24 dB(typ)	20 dB(typ)
	22 dB(min)	20 dB(min)	18 dB(min)	22 dB(min)	20 dB(min)	18 dB(min)
Return Loss (< 18 GHz)	26 dB(typ)	24 dB(typ)	20 dB(typ)	26 dB(typ)	24 dB(typ)	20 dB(typ)
	22 dB(min)	20 dB(min)	18 dB(min)	22 dB(min)	20 dB(min)	18 dB(min)
Return Loss (< 20 GHz)	24 dB(typ)	-	-	24 dB(typ)	-	-
	18 dB(min)			18 dB(min)		
Length	60 cm	60 cm	60 cm	60 cm	60 cm	60 cm
Connector Material	Gold-plated Brass	Gold-plated Brass	Gold-plated Brass	Stainless Steel	Stainless Steel	Stainless Steel
Connector Type	Both side SMA-male			Both side SMA-male		

* Specifications may be changed depending on the model or customer's requirement.

* Please specify cable length upon inquiring (e.g. 30cm, 60cm, 100cm,...)

* The cable length include both connectors

III. Cable Assembly \ General Grade



Features

- Up to 18 GHz
- Highly Flexible
- Low Insertion Loss
- Excellent Return Loss
- High Quality SMA Connectors
- 100% QC

Item	CC18-31M31M70-0S01-0600
Connector	SMA-male to SMA-male
Impedance	50 ohm
Frequency Range	9 kHz - 18 GHz
Insertion Loss (18 GHz)	2.1 dB(typ) / 2.4 dB(max)
Return Loss	20 dB(typ) / 18 dB(min)
Cable O.D.(approx.)	0.86 in (2.2 mm)
Length	60 cm
Net Weight	25.3 g

* Specifications may be changed depending on the model or customer's requirement.

Model	Length (cm)	Connector 1	Connector 2
CC18-31M31M70-0S01-0300	30	SMA-male	SMA-male
CC18-31M31M70-0S01-0500	50	SMA-male	SMA-male
CC18-31M31M70-0S01-0600	60	SMA-male	SMA-male
CC18-31M31M70-0S01-0900	90	SMA-male	SMA-male
CC18-31M31M70-0S01-1000	100	SMA-male	SMA-male
CC18-31M31M70-0S01-1200	120	SMA-male	SMA-male
CC18-31M31M70-0S01-1500	150	SMA-male	SMA-male

Features

- Flexible
- Low Insertion Loss
- Excellent Return Loss
- High Quality Connectors
- Braided Jacket
- 100% QC

Item	CC08-50M50M68-0S02-1000	CC08-50M31M68-0S02-1000
Impedance	50 Ohm	50 Ohm
Frequency Range	9 kHz - 8 GHz	9 kHz - 8 GHz
Insertion Loss	1.7 dB (typ)	1.4 dB (typ)
Return Loss	22 dB (typ)	22 dB (typ)
Length	100 cm	100 cm
Inner Conductor Material and Plating	Brass, Gold	Brass, Gold
Connectors Body Material	Brass, Gold	Stainless Steel (SMA)

* Specifications may be changed depending on the model or customer's requirement.

Model	Connectors	Cable	Braided Jacket Color	Length
CC08-50M50M68-0S02-0600	N-male to N-male	Flexible	Deep Blue	60 cm
CC08-50M50M68-0S02-1000	N-male to N-male	Flexible	Deep Blue	100 cm
CC08-50M31M68-0S02-0600	N-male to SMA-male	Flexible	Deep Blue	60 cm
CC08-50M31M68-0S02-1000	N-male to SMA-male	Flexible	Deep Blue	100 cm
CC08-31M31M68-0S02-0600	SMA-male to SMA-male	Flexible	Deep Blue	60 cm
CC08-31M31M68-0S02-1000	SMA-male to SMA-male	Flexible	Deep Blue	100 cm

III. Cable Assembly \ General Grade



Features

- Highly Flexible
- Up to 6 GHz
- Excellent Return Loss
- Low Cost
- 100% QC

Item	CC06-31M31M03-0S01-0300
Connector	SMA-male to SMA-male
Impedance	50 Ohm
Frequency Range	9 kHz - 6 GHz
Return Loss	20 dB(typ)
Cable O.D.(approx.)	0.098 in (2.5 mm)
Length	30 cm
Net Weight (approx.)	10.5 g

* Specifications may be change depending on the model or customer's requirement.

Picture	Model	Length (mm)	Connector 1	Connector 2
	CC06-31M31M03-0S01-xxxx	xxxx	SMA-male	SMA-male
	CC06-31F31F03-0S01-xxxx	xxxx	Bulkhead Crimp SMA-female	Bulkhead Crimp SMA-female
	CC06-31F31F03-0S02-xxxx	xxxx	Bulkhead Crimp SMA-female	Bulkhead Crimp SMA-female
	CC06-31F31F03-0S03-xxxx	xxxx	Panel Crimp SMA-female	Panel Crimp SMA-female
	CC06-31F31F03-0S04-xxxx	xxxx	Panel Crimp SMA-female	Panel Crimp SMA-female
	CC06-31M31M03-0S02-xxxx	xxxx	Right Angle Crimp SMA-male	Right Angle Crimp SMA-male

* The cable length include both connectors
 * Please specify cable length when ordering (e.g. 30cm, 60cm, 100cm,...)



Features

- Highly Flexible
- Up to 3 GHz
- Excellent Return Loss
- Low Cost
- 100% QC

Item	CC-5033803001-SMAM/SMAM
Connector	SMA-male to SMA-male
Impedance	50 Ohm
Frequency Range	9 kHz - 3 GHz
Return Loss	20 dB(typ)
Cable O.D.(approx.)	1.06 in (2.7 mm)
Length	30 cm
Net Weight (approx.)	9.8 g

* Specifications may be change depending on the model or customer's requirement.

Picture	Model	Length (cm)	Connector 1	Connector 2
	CC03-31M31M04-0S01-xxxx	xxxx	SMA-male	SMA-male
	CC03-31F31F04-0S01-xxxx	xxxx	Bulkhead Crimp SMA-female	Bulkhead Crimp SMA-female
	CC03-31F31F04-0S02-xxxx	xxxx	Bulkhead Crimp SMA-female	Bulkhead Crimp SMA-female
	CC03-31F31F04-0S03-xxxx	xxxx	Panel Crimp SMA-female	Panel Crimp SMA-female
	CC03-31F31F04-0S04-xxxx	xxxx	Panel Crimp SMA-female	Panel Crimp SMA-female

* The cable length include both connectors
 * Please specify cable length when ordering (e.g. 30cm, 60cm, 100cm,...)



III. Cable Assembly \ General Grade



Features

- Ultra Small Size Cable
- Up to 6 GHz
- Customized Cable Length
- High Quality Precision Connector

With ultra small design, IPEX MHF plug will be terminated with mini coaxial cables like 1.13mm, 1.32mm, 1.37mm, 0.81mm, 1.48mm and RG178 as RF cable assembly.

IPEX cable assemblies can transmit signal to connect GSM modular and GSM antennas, GPS modular and GPS antenna, WLAN modular and WLAN antenna. Please contact us for more information of customized cables with different types of coaxial connector.

Item	CC06-21F31M08-1A01-0200
Impedance	50 ohm
Frequency Range	DC - 6 GHz
Insertion Loss	1.2dB (typ)
	2.08dB (max)
Return Loss (< 6 GHz)	17.2dB(typ)
	14dB(min)
Length	20 cm
Connector Material	Gold-plated Brass
Connector Type	SMA-male / I-Pex 1.13mm MHF Plug

* Specifications may be changed depending on the model or customers' requirement.

* Other Connector Options for Cable Assemblies: SMA, SMB, MCX, MMCX, FME, TNC, N



Features

- Hand Formable Semi-Flexible
- Low Attenuation
- Excellent Return Loss
- High Quality Connectors
- Soaked Tinned Copper Shielding
- 100% QC

The CC06-31M31M series is a high performance cable assemblies series. Using hand formable semi-flexible coaxial cable and high performance connectors designed makes it ideal for mass production test requirement or applications.

Semi-flexible coaxial cable offers the best shielding performance with a tin-soaked copper shielding. RG405 Semi-Flexible cable is commonly equipped with SMA connector for testing adapter or high performance device like splitter.

Item	CC06-31M31M07-1A01-300
Impedance	50 ohm
Frequency Range	DC - 6 GHz
Insertion Loss	1.16dB (typ)
	1.50dB (max)
Return Loss (< 6 GHz)	17.2dB(typ)
	14dB(min)
Length	30 cm
Connector Material	Gold-plated Brass
Connector Type	Both Sides SMA-male

* Specifications may be changed depending on the model or customers' requirement.

12G-SDI BNC Cable Assemblies

12GHz 75Ohm

The CC12-78M78M77 cable assembly series is designed with Japanese-made flexible cables and Sootai precision 12G-SDI BNC connector connectors.

Provides high flexibility and excellent electrical performance. It is an excellent cable assembly for a variety of 75 ohm system applications.

The length of these three cable sets is usually 60 cm, 90 cm, 120 cm, 150 cm and other custom lengths are also welcome.



Item	CC12-78M78M77-0S01-1000
Impedance	75 Ohm
Frequency Range	12 GHz
Return Loss (< 3 GHz)	20 dB(typ)
Return Loss (< 12 GHz)	15 dB(typ)
Connector type	BNC-male
Length	100 cm

* Specifications may be change depending on the model or customer's requirement.

Features

- Japan High Quality Cable
- High Flexible
- Widebnad, up to 12 GHz
- Excellent Return Loss
- Low Loss
- High Quality Precision Connector
- Excellent Mechanical Structure

Model	Frequency	Length	Cable	Connectors
CC12-78M78M77-0S01-0600	12 GHz	60 cm	Flexible	BNC-male
CC12-78M78M77-0S01-0900	12 GHz	90 cm	Flexible	BNC-male
CC12-78M78M77-0S01-1200	12 GHz	120 cm	Flexible	BNC-male
CC12-78M78M77-0S01-1500	12 GHz	150 cm	Flexible	BNC-male

III. Cable Assembly \ General Grade

6G-SDI BNC Cable Assemblies

6GHz/ 3GHz 75Ohm

With expertise in the 75 ohm field, Soontai offers three high quality BNC connector type cable assemblies. All three models are assembled from BELDEN's high quality cables and high precision connectors. From the top left to the bottom right of the photo:



The CC06-78M78M73 is a 6 GHz cable set with a BELDE 4794R (diameter 8 mm) semi-rigid cable and high precision connector designed, features low loss and excellent return loss.

The CC03-78M78M73 is a 3 GHz, low loss, excellent return loss cable set made of BELDE 4794R (diameter 8 mm) semi-rigid cable and BELDEN precision connectors.

The CC06-78M78M74 is a 6 GHz, low loss, excellent return loss cable set made of BELDE 4855R (diameter 4 mm) flexible cable and BELDEN precision connectors.

The length of these three cable sets is usually 60 cm, 90 cm, 120 cm, 150 cm and other custom lengths are also welcome.

Features

- BELDEN High Quality Cable
- Wideband, up to 6 GHz
- Excellent Return Loss
- Low Loss
- High Quality Precision Connector
- Excellent Mechanical Structure
- Wide Operating Temp. Range

Item	CC06-78M78M73-0S01-0900	CC03-78M78M73-0S01-0900
Cable	BELDEN 4794R	BELDEN 4794R
Impedance	75 Ohm	75 Ohm
Frequency Range	6 GHz	3 GHz
Insertion Loss	1.0 dB(max)	0.8 dB(max)
Return Loss	20 dB(typ)	20 dB(typ)
Operating Temp. Range	-20 to +75 °C	-20 to +75 °C
Connector type	BNC-male	BNC-male
Length	90 cm	90 cm

Item	CC06-78M78M74-0S01-0900
Cable	BELDEN 4855R
Impedance	75 Ohm
Frequency Range	6 GHz
Insertion Loss	1.6 dB(max)
Return Loss	20 dB(typ)
Operating Temp. Range	-20 to +75 °C
Connector type	BNC-male
Length	90 cm

* Specifications may be change depending on the model or customer's requirement.

Model	Frequency	Length	Cable	Connectors
CC06-78M78M74-0S01-0600	6 GHz	60 cm	Flexible	BNC-male
CC06-78M78M74-0S01-0900	6 GHz	90 cm	Flexible	BNC-male
CC06-78M78M74-0S01-1200	6 GHz	120 cm	Flexible	BNC-male
CC06-78M78M74-0S01-1500	6 GHz	150 cm	Flexible	BNC-male
CC06-78M78M73-0S01-0600	6 GHz	60 cm	Semi-rigid	BNC-male
CC06-78M78M73-0S01-0900	6 GHz	90 cm	Semi-rigid	BNC-male
CC06-78M78M73-0S01-1200	6 GHz	120 cm	Semi-rigid	BNC-male
CC06-78M78M73-0S01-1500	6 GHz	150 cm	Semi-rigid	BNC-male
CC03-78M78M73-0S01-0600	3 GHz	60 cm	Semi-rigid	BNC-male
CC03-78M78M73-0S01-0900	3 GHz	90 cm	Semi-rigid	BNC-male
CC03-78M78M73-0S01-1200	3 GHz	120 cm	Semi-rigid	BNC-male
CC03-78M78M73-0S01-1500	3 GHz	150 cm	Semi-rigid	BNC-male

III. Cable Assembly \ General Grade

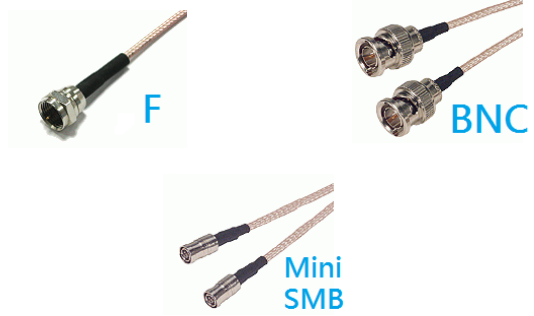
3GHz RG-179 Cable Assemblies

3GHz 75Ohm

The RG-179 cable assembly series features a coaxial cable with a diameter of only 0.1 inches, which provides high bending flexibility, making it ideal for narrow space connection applications.

This RG-179 cable assembly can be fitted with F, BNC or Mini SMB connectors.

Please specify the cable length and connectors type (F/ BNC/ Misi SMB, male/ female) when ordering.



Item	CC03-75M75M02-0A01-0200
Connector	F-male to F-male
Impedance	75 Ohm
Frequency Range	0.3 - 3000 MHz
Insertion Loss	0.5 dB(typ) / 0.8 dB(max)
Return Loss	25 dB(typ) / 20 dB(min)
Cable O.D.	2.54mm (0.1 inch)
Length	20 cm
Net Weight	15 g

* Specifications may be change depending on the model or customer's requirement.

Features

- Wideband, up to 3 GHz
- Thin and very flexible
- Low Insertion Loss
- Good Return Loss

Model	Length (cm)	Connector 1	Connector 2
CC03-75M75M02-0A01-0300	30	F-male	F-male
CC03-75M75M02-0A01-0600	60	F-male	F-male
CC03-75M75M02-0A01-0900	90	F-male	F-male
CC03-75M75M02-0A01-1200	120	F-male	F-male
CC03-78M78M02-0A01-0300	30	BNC-male	BNC-male
CC03-78M78M02-0A01-0600	60	BNC-male	BNC-male
CC03-78M78M02-0A01-0900	90	BNC-male	BNC-male
CC03-78M78M02-0A01-1200	120	BNC-male	BNC-male
CC03-72M72M02-0A01-0300	30	SMB-male	SMB-male
CC03-72M72M02-0A01-0600	60	SMB-male	SMB-male
CC03-72M72M02-0A01-0900	90	SMB-male	SMB-male
CC03-72M72M02-0A01-1200	120	SMB-male	SMB-male

III. Cable Assembly \ General Grade



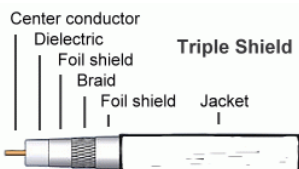
Features

- High Shielding
- Wideband, up to 3 GHz
- Good Return Loss
- Low Insertion Loss
- Cost-efficient

Item	CC03-78M78M76-0P01-1000
Connector	BNC male to BNC male
Impedance	75 ohm
Frequency Range	0.3 - 3000 MHz
Insertion Loss	-
Return Loss	20dB (typ) / 14dB (min)
Length	100 cm
Net Weight	35.1 g

* Specifications may be change depending on the model or customer's requirement.

Model	Length (cm)	Connector 1	Connector 2
CC03-78M78M76-0P01-1000	100	BNC-male	BNC-male
CC03-75M75M76-0P02-1780	178	Push-on F-male	Push-on F-male
CC03-75M75M76-0P01-1860	186	F-male	F-male



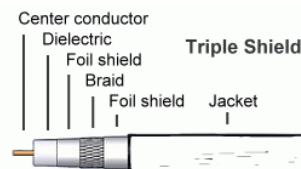
Features

- High Shielding
- Wideband, up to 3 GHz
- Good Return Loss
- Low Insertion Loss
- Cost-efficient

Item	CC03-75M75M-0P02-1780
Connector	Push-on F male to Push-on F male
Impedance	75 ohm
Frequency Range	0.3 - 3000 MHz
Insertion Loss	1.2dB (typ @ 3 GHz)
Return Loss	20dB (typ) / 16dB (min)
Length	178 cm
Net Weight	68.8g

* Specifications may be change depending on the model or customer's requirement.

Model	Length (cm)	Connector 1	Connector 2
CC03-78M78M76-0P01-1000	100	BNC-male	BNC-male
CC03-75M75M76-0P02-1780	178	Push-on F-male	Push-on F-male
CC03-75M75M76-0P01-1860	186	F-male	F-male



III. Cable Assembly \ General Grade



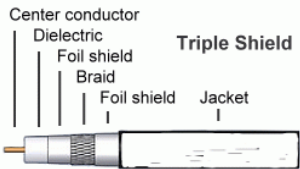
Features

- High Shielding
- Wideband, up to 3 GHz
- Good Return Loss
- Low Insertion Loss
- Cost-efficient

Item	CC03-75M75M-0P01-1860
Connector	F male to F male
Impedance	75 ohm
Frequency Range	0.3 - 3000 MHz
Insertion Loss	1.6dB (typ @ 3 GHz)
Return Loss	20dB (typ) / 10dB (min)
Length	186 cm
Net Weight	48 g

* Specifications may be change depending on the model or customer's requirement.

Model	Length (cm)	Connector 1	Connector 2
CC03-78M78M76-0P01-1000	100	BNC-male	BNC-male
CC03-75M75M76-0P02-1780	178	Push-on F-male	Push-on F-male
CC03-75M75M76-0P01-1860	186	F-male	F-male



III. Cable Assembly \ Test Grade



Features

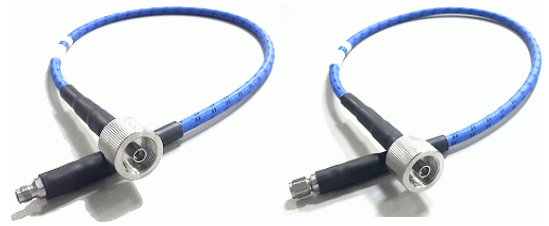
- High Flexible Cable
- Up to 67 GHz
- Low Insertion Loss
- Excellent Return Loss
- High Precision Connectors
- Meet IEC 61196-1-314 Flex Test
- 100% QC

Item	CC67-18M18M79-0Q01-0600
Impedance	50 Ohm
Frequency Range	9 kHz - 67 GHz
Insertion Loss (@ 67 GHz)	3.7dB (typ)
Return Loss	16dB (min)
Length	60 cm
Inner Conductor Material	Gold-plated Beryllium Copper
Body Material	Passivated Stainless Steel
Connector Type	Both side 1.85mm-male
Cable Outer Diameter	4.8 mm

* Specifications may be changed depending on the model or customer's requirement.

Model	Cable	Cable Color	Length	Return Loss	Con.
CC67-18M18M79-0Q01-0600	High Flexible	Black with Red-spots	60cm	16dB	S
CC67-18M18M79-0Q01-0900	High Flexible	Black with Red-spots	90cm	16dB	S
CC67-18M18M79-0Q01-1200	High Flexible	Black with Red-spots	120cm	16dB	S

* Connector material, S = stainless steel
 * Please specify cable length when ordering(e.g. 30cm, 60cm, 100cm,...)
 * The cable length include both connectors



Features

- Up to 40 GHz
- Low Insertion Loss
- Excellent Return Loss
- High Precision Connectors
- High Reliability
- 100% QC

Item	CC40-25F24F78-0T01	CC40-25F24M78-0T01
Impedance	50 Ohm	50 Ohm
Frequency Range	10 MHz - 40 GHz	10 MHz - 40 GHz
Insertion Loss	2.0dB (typ)	2.0dB (typ)
	2.3dB (max)	2.3dB (max)
Return Loss (10 MHz - 40 GHz)	20dB (typ)	20dB (typ)
	18dB (min)	18dB (min)
Length	63 cm	63 cm
Connector Type	NMD 2.4mm-female	NMD 2.4mm-female
	2.4mm-female	2.4mm-male
Connector Material	Stainless Steel	
Center Pin Material	Gold-plated Phosphor Bronze	

* Specifications may be changed depending on the model or customer's requirement.

Model	Cable	Length	Connectors
CC40-25F24F78-0T01	Flexible	63cm	NMD 2.4mm-female to 2.4mm-female
CC40-25F24M78-0T01	Flexible	63cm	NMD 2.4mm-female to 2.4mm-male

* Please specify cable length when ordering(e.g. 25 in., 36 in., 48 in...)
 * The cable length include both connectors





Features

- High Quality Cable
- High Flexible
- Up to 40 GHz
- Low Insertion Loss
- Excellent Return Loss
- High Precision Connectors
- Meet IEC 61196-1-314 Flex Test
- 100% QC

Item	CC40-29M29M66-0S01-0600
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Insertion Loss	2.6dB (max)
Return Loss	18dB (typ)
Length	60 cm
Inner Conductor Material	Gold-plated Beryllium Copper
Body Material	Passivated Stainless Steel
Connector Type	Both side 2.92mm-male

* Specifications may be changed depending on the model or customer's requirement.

Model	Cable	Cable Color	Length	Return Loss	Con.
CC40-29M29M66-0S01-0600	Flexible	Blue	60cm	18dB	S
CC40-29M29M66-0S01-0900	Flexible	Blue	90cm	18dB	S
CC40-29M29M66-0S01-1200	Flexible	Blue	120cm	18dB	S

* Connector material, S = stainless steel

* Please specify cable length when ordering(e.g. 30cm, 60cm, 100cm,...)

* The cable length include both connectors



Features

- High Quality Cable
- High Flexible
- Up to 40 GHz
- Low Insertion Loss
- Excellent Return Loss
- High Precision Connectors
- Meet IEC 61196-1-314 Flex Test
- 100% QC

Item	CC40-29M29M75-0R01-0600
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Insertion Loss	2.6dB (max)
Return Loss	18dB (typ)
Length	60 cm
Inner Conductor Material	Gold-plated Beryllium Copper
Body Material	Passivated Stainless Steel
Connector Type	Both side 2.92mm-male
Cable Outer Diameter	6.2 mm

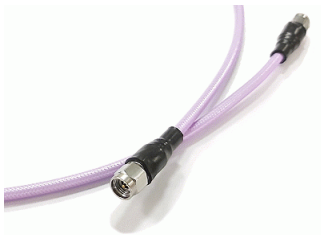
* Specifications may be changed depending on the model or customer's requirement.

Model	Cable	Cable Color	Length	Return Loss	Con.
CC40-29M29M75-0R01-0600	Flexible	Black with Purple-spots	60cm	18dB	S
CC40-29M29M75-0R01-0900	Flexible	Black with Purple-spots	90cm	18dB	S
CC40-29M29M75-0R01-1200	Flexible	Black with Purple-spots	120cm	18dB	S

* Connector material, S = stainless steel

* Please specify cable length when ordering(e.g. 30cm, 60cm, 100cm,...)

* The cable length include both connectors



Features

- High Quality Cable
- High Flexible
- Up to 40 GHz
- Low Insertion Loss
- Excellent Return Loss
- High Precision Connectors
- Meet IEC 61196-1-314 Flex Test
- 100% QC

Item	CC40-29M29M71-0R01-1000
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Insertion Loss	2.8dB (max)
Return Loss	18dB (typ)
Length	100 cm
Inner Conductor Material	Gold-plated Beryllium Copper
Body Material	Passivated Stainless Steel
Connector Type	Both side 2.92mm-male
Cable Outer Diameter	3.9 mm

* Specifications may be changed depending on the model or customer's requirement.

Model	Cable	Cable Color	Length	Return Loss	Con.
CC40-29M29M71-0R01-0600	Flexible	Purple	60cm	18dB	S
CC40-29M29M71-0R01-0900	Flexible	Purple	90cm	18dB	S
CC40-29M29M71-0R01-1000	Flexible	Purple	100cm	18dB	S
CC40-29M29M71-0R01-1200	Flexible	Purple	120cm	18dB	S

* Connector material, S = stainless steel
 * Please specify cable length when ordering(e.g. 30cm, 150cm,...)
 * The cable length include both connectors



Features

- High Quality Cable
- High Flexible
- Up to 40 GHz
- Low Insertion Loss
- Excellent Return Loss
- High Precision Connectors
- Meet IEC 61196-1-314 Flex Test
- 100% QC

Item	CC40-29M29M72-0V01-1000
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Insertion Loss	3.0dB (max)
Return Loss	18dB (typ)
Length	100 cm
Inner Conductor Material	Gold-plated Beryllium Copper
Body Material	Passivated Stainless Steel
Connector Type	Both side 2.92mm-male
Cable Outer Diameter	4.2 mm

* Specifications may be changed depending on the model or customer's requirement.

Model	Cable	Cable Color	Length	Return Loss	Con.
CC40-29M29M72-0V01-0600	Flexible	Blue	60cm	18dB	S
CC40-29M29M72-0V01-0900	Flexible	Blue	90cm	18dB	S
CC40-29M29M72-0V01-1000	Flexible	Blue	100cm	18dB	S
CC40-29M29M72-0V01-1200	Flexible	Blue	120cm	18dB	S

* Connector material, S = stainless steel
 * Please specify cable length when ordering(e.g. 30cm, 150cm,...)
 * The cable length include both connectors

III. Cable Assembly \ Test Grade



Features

- High Quality Cable
- High Flexible
- Up to 40 GHz
- Low Insertion Loss
- Excellent Return Loss
- High Precision Connectors
- Meet IEC 61196-1-314 Flex Test
- 100% QC

Item	CC40-29M29M67-0Q01-1000
Impedance	50 Ohm
Frequency Range	9 kHz - 40 GHz
Insertion Loss (@ 40 GHz)	2.46dB (typ)
Return Loss	18dB (typ)
Length	100 cm
Inner Conductor Material	Gold-plated Beryllium Copper
Body Material	Passivated Stainless Steel
Connector Type	Both side 2.92mm-male
Cable Outer Diameter	3.8 mm

* Specifications may be changed depending on the model or customer's requirement.

Model	Cable	Cable Color	Length	Return Loss	Con.
CC40-29M29M67-0Q01-0600	High Flexible	Gray	60cm	18dB	S
CC40-29M29M67-0Q01-0900	High Flexible	Gray	90cm	18dB	S
CC40-29M29M67-0Q01-1000	High Flexible	Gray	100cm	18dB	S
CC40-29M29M67-0Q01-1200	High Flexible	Gray	120cm	18dB	S

* Connector material, S = stainless steel
 * Please specify cable length when ordering(e.g. 30cm, 150cm,...)
 * The cable length include both connectors

Features

- High Quality Cable
- Up to 40 GHz
- Low Insertion Loss
- Excellent Return Loss
- High Precision Connectors
- Meet IEC 61196-1-314 Flex Test
- 100% QC

Item	CC26-31M31M68-0S01-0600	CC26-31M31M68-0S02-0600
Impedance	50 Ohm	50 Ohm
Frequency Range	9kHz - 26.5GHz	9kHz - 26.5GHz
Insertion Loss	2.1dB (typ)	2.1dB (typ)
	2.3dB (max)	2.3dB (max)
Return Loss (9KHz - 26.5GHz)	24dB (typ)	26dB (typ)
	20dB (min)	22dB (min)
Length	60 cm	60 cm
Inner Conductor Material	Gold-plated Beryllium Copper	
Body Material	Passivated Stainless Steel	
Connector Type	Both side 3.5mm-male	

* Specifications may be changed depending on the model or customer's requirement.

Model	Cable	Cable Color	Length	Return Loss	Con.
CC26-31M31M68-0S01-0600	Flexible	Blue	60cm	20dB	S
CC26-31M31M68-0S02-0600	Flexible	Deep Blue	60cm	22dB	S

* Connector material, S = stainless steel
 * Please specify cable length when ordering(e.g. 30cm, 60cm, 100cm,...)
 * The cable length include both connectors





Features

- High Quality Cable
- Wideband, up to 18 GHz
- Excellent Return Loss
- Low Insertion Loss
- High Quality Precision Connector
- Robust Mechanical Structure

Item	CC18-31M31M68-0S05-0600
Impedance	50 Ohm
Frequency Range	18 GHz
Insertion Loss	1.6 dB(max)
Return Loss	20 dB(typ)
Connector	Stainless steel SMA-male
Length	60 cm

* Specifications may be changed depending on the model or customer's requirement.

Model	Frequency	Length	Cable	Connectors
CC18-31M31M68-0S05-0600	18 GHz	60 cm	Flexible	SMA-male
CC18-31M31M68-0S05-0900	18 GHz	90 cm	Flexible	SMA-male
CC18-31M31M68-0S05-1200	18 GHz	120 cm	Flexible	SMA-male
CC18-31M31M68-0S05-1500	18 GHz	150 cm	Flexible	SMA-male

*Its metal jacketed cables feature crush strength in-excess of 300 lbs/in.



Features

- Low PIM
- Semi-Flexible Cable
- Excellent Return Loss
- High Performance Connectors
- 100% QC

Item	CC03-50M50M09-0W01
Connector	N-male to N-male
Impedance	50 Ohm
Frequency Range	9 kHz - 6 GHz
Return Loss	20 dB (min)
PIM	> 150 dBc @14.5 dBm
Connector Body	Tin-Zinc-Copper Alloy plated Brass
Contact Pin	Silver-plated Phosphor Bronze

* Specifications may be changed depending on the model or customer's requirement.

Model	Cable	Cable Color	Length	Connectors
CC08-50M50M09-0W01-0600	Semi-rigid	Blue	60 cm	N-male to N-Male
CC08-50M50M09-0W01-0900	Semi-rigid	Blue	90 cm	N-male to N-Male
CC08-50M50M09-0W01-1200	Semi-rigid	Blue	120 cm	N-male to N-Male

* Cable length includes both connectors

III. Cable Assembly \ Test Grade



Features

- High Power Cable
- Semi-Flexible Cable
- Low Insertion Loss
- Excellent Return Loss
- Percision Connectors
- 100% QC

Item	CC03-50M50M84-1B01-2000
Connector	N-male to N-male
Impedance	50 Ohm
Frequency Range	9 kHz - 3 GHz
Insertion Loss (@ 3 GHz)	0.8 dB(typ)
Return Loss	25 dB(typ) / 20 dB (min)
Average Power (@ 3 GHz)	250W
Connector Body	Tin-Zinc-Copper Alloy-plated Brass
Contact Pin	Silver-plated Brass
Weight	324 g

* Specifications may be changed depending on the model or customer's requirement.

Model	Cable	Cable Color	Length	Connectors
CC03-50M50M84-1B01-1000	Hand Flex	Blue	100 cm	N-male to N-Male
CC03-50M50M84-1B01-2000	Hand Flex	Blue	200 cm	N-male to N-Male
CC03-50M50M84-1B01-3000	Hand Flex	Blue	300 cm	N-male to N-Male

* Cable length includes both connectors.



Features

- Low PIM
- Hand Formable Cable
- Excellent Return Loss
- High Performace Connectors
- 100% QC

Item	CC03-57M57M09-0W01
Connector	4.3/10-male to 4.3/10-male
Impedance	50 Ohm
Frequency Range	9 kHz - 3 GHz
Return Loss	20 dB (min)
PIM	> 150 dBc @14.5 dBm
Connector Body	Alloy3-plated Brass
Contact Pin	Silver-plated Phosphor Bronze

* Specifications may be changed depending on the model or customer's requirement.

Model	Cable	Cable Color	Length	Connectors
CC08-57M57M09-0W01-0600	Hand Formable	Blue	60 cm	4.3/10-male to 4.3/10-Male
CC08-57M57M09-0W01-0900	Hand Formable	Blue	90 cm	4.3/10-male to 4.3/10-Male
CC08-57M57M09-0W01-1200	Hand Formable	Blue	120 cm	4.3/10-male to 4.3/10-Male

* Cable length includes both connectors.





Features

- High Quality Cable
- Wideband, up to 3 GHz
- Excellent Return Loss
- Very Low Insertion Loss
- High Quality Precision Connector
- Meet ANSI/SCTE 99 2009 Pull Force
- Meet ANSI/SCTE 98 2009 Tightening Torque

Item	CC03-76M75F01-0S02-600
Connector	N male to F female
Impedance	75 ohm
Frequency Range	0.3 - 3000MHz
Insertion Loss (0.3-3000MHz)	0.5dB (max)
Return Loss (0.3-1000MHz)	35dB (typ) / 25dB (min)
Return Loss (1001-2000MHz)	30dB (typ) / 25dB (min)
Return Loss (2001-3000MHz)	28dB (typ) / 23dB (min)
Pull Force Withstanding	ANSI/SCTE 99 2009 40 lbs. (min)
Tightening Torque Withstanding	ANSI/SCTE 98 2009 60 in./lbs. (min)
Length	60 cm
Net Weight	140 g

* Specifications are subject to be changed without notice.



Features

- High Quality Cable
- Wideband, up to 3 GHz
- Excellent Return Loss
- Very Low Insertion Loss
- High Quality Precision Connector
- Meet ANSI/SCTE 99 2009 Pull Force
- Meet ANSI/SCTE 98 2009 Tightening Torque

Item	CC03-76M76M01-0S02-0600
Connector	N male to N male
Impedance	75 ohm
Frequency Range	0.3 - 3000MHz
Insertion Loss (0.3- 3000MHz)	0.5dB (max)
Return Loss (0.3-1000MHz)	35dB (typ) / 25dB (min)
Return Loss (1001-2000MHz)	30dB (typ) / 25dB (min)
Return Loss (2001-3000MHz)	28dB (typ) / 23dB (min)
Pull Force Withstanding	ANSI/SCTE 99 2009 40 lbs. (min)
Tightening Torque Withstanding	ANSI/SCTE 98 2009 60 in./lbs. (min)
Length	60 cm
Net Weight	177 g

* Specifications are subject to be changed without notice.



Features

- High Quality Cable
- Wideband, up to 3 GHz
- Excellent Return Loss
- Very Low Insertion Loss
- High Quality Precision Connector
- Meet ANSI/SCTE 99 2009 Pull Force
- Meet ANSI/SCTE 98 2009 Tightening Torque

Features

- High Quality Cable
- Wideband, up to 3 GHz
- Excellent Return Loss
- Very Low Insertion Loss
- High Quality Precision Connector
- Meet ANSI/SCTE 99 2009 Pull Force
- Meet ANSI/SCTE 98 2009 Tightening Torque

Item	CC03-76M75M01-0S02-0600
Connector	N male to F male
Impedance	75 ohm
Frequency Range	0.3 - 3000MHz
Insertion Loss (0.3-3000MHz)	0.5dB (max)
Return Loss (0.3-1000MHz)	35dB (typ) / 25dB (min)
Return Loss (1001-2000MHz)	30dB (typ) / 25dB (min)
Return Loss (2001-3000MHz)	28dB (typ) / 23dB (min)
Pull Force Withstanding	ANSI/SCTE 99 2009 40 lbs. (min)
Tightening Torque Withstanding	ANSI/SCTE 98 2009 60 in./lbs. (min)
Length	60 cm
Net Weight	145 g

* Specifications are subject to be changed without notice.

Item	CC03-75M75M01-0S02-0600
Connector	F male to F male
Impedance	75 ohm
Frequency Range	0.3 - 3000MHz
Insertion Loss (0.3-3000MHz)	0.5dB (max)
Return Loss (0.3-1000MHz)	35dB (typ) / 25dB (min)
Return Loss (1001-2000MHz)	30dB (typ) / 25dB (min)
Return Loss (2001-3000MHz)	28dB (typ) / 23dB (min)
Pull Force Withstanding	ANSI/SCTE 99 2009 40 lbs. (min)
Tightening Torque Withstanding	ANSI/SCTE 98 2009 60 in./lbs. (min)
Length	60 cm
Net Weight	138 g

* Specifications are subject to be changed without notice.



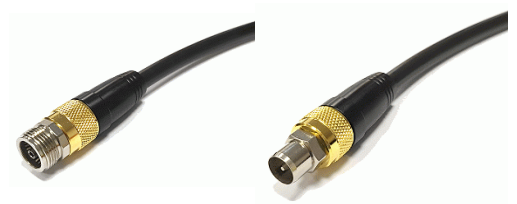
Features

- High Quality Cable
- Wideband, up to 4 GHz
- Excellent Return Loss
- Very Low Insertion Loss
- High Quality Precision Connector
- Meet ANSI/SCTE 99 2009 Pull Force
- Meet ANSI/SCTE 98 2009 Tightening Torque

Item	CC04-76M76M01-0S02-0600
Connector	N male to N male
Impedance	75 ohm
Frequency Range	0.3 MHz - 4 GHz
Insertion Loss (< 3 GHz)	0.5dB (max)
Insertion Loss (< 4 GHz)	1.0dB (max)
Return Loss (< 3 GHz)	28dB (typ) / 23dB (min)
Return Loss (< 4 GHz)	20dB (typ) / 18dB (min)
Pull Force Withstanding	ANSI/SCTE 99 2009 40 lbs. (min)
Tightening Torque Withstanding	ANSI/SCTE 98 2009 60 in./lbs. (min)
Length	60 cm
Net Weight	177 g

* Specifications are subject to be changed without notice.

Model	Length (cm)	Connector 1	Connector 2
CC04-76M76M01-0S02-0600	60	N-male	N-male
CC04-76M75M01-0S02-0600	60	N-male	F-male
CC04-76M75F01-0S02-0600	60	N-male	F-female
CC04-75M75M01-0S02-0600	60	F-male	F-male



Features

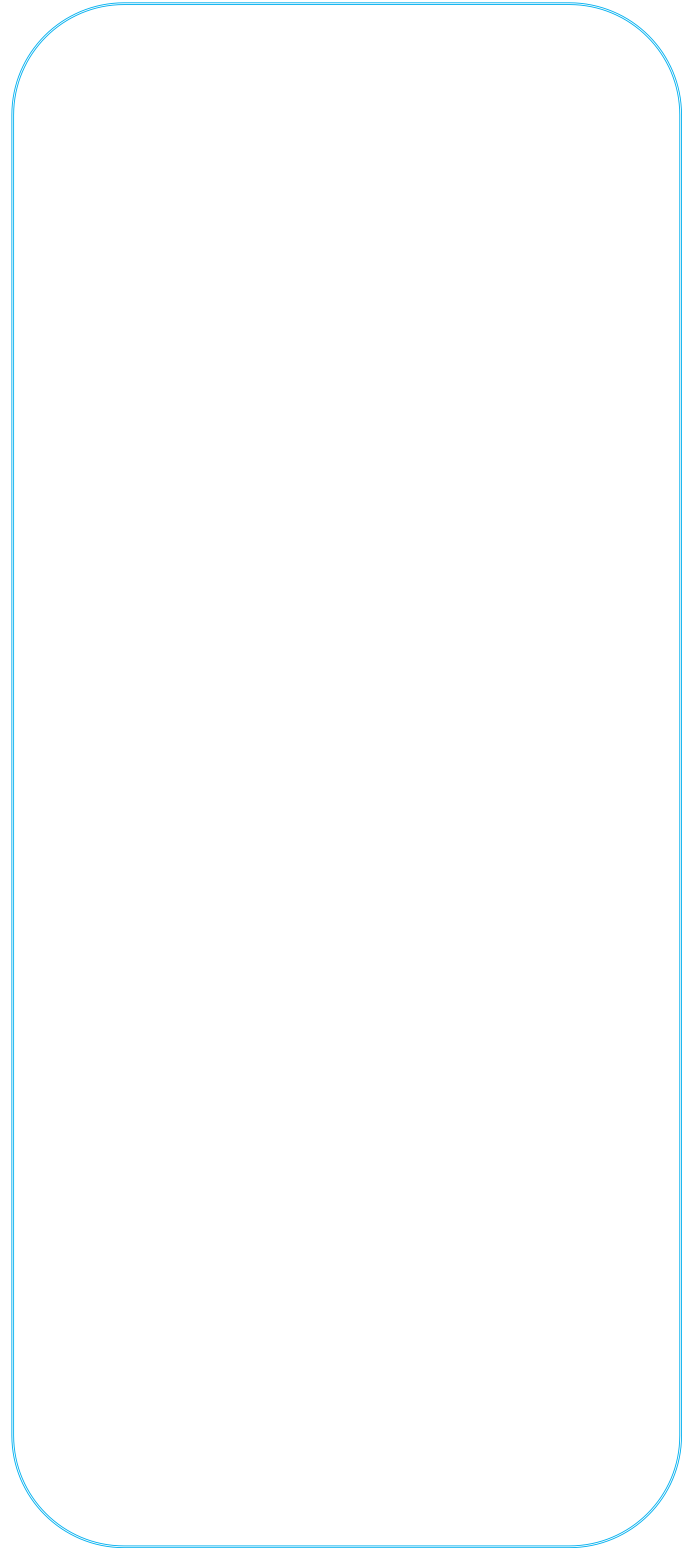
- High Quality Cable
- Wideband, up to 4 GHz
- Excellent Return Loss
- Very Low Insertion Loss
- High Quality Precision Connector
- Meet ANSI/SCTE 99 2009 Pull Force
- Meet ANSI/SCTE 98 2009 Tightening Torque

Item	CC02-71M71F01-0S02-600
Connector	IEC male to IEC female
Impedance	75 ohm
Frequency Range	0.3 - 2000 MHz
Insertion Loss (0.3 - 2000 MHz)	0.5dB (max)
Return Loss (< 1500 MHz)	20dB (typ)
Return Loss (< 2000 MHz)	16dB (typ)
Pull Force Withstanding	ANSI/SCTE 99 2009 40 lbs. (min)
Length	60 cm
Net Weight	93.5 g

* Specifications are subject to be changed without notice.

Model	Length (cm)	Connector 1	Connector 2
CC02-71M71M01-0S02-600	60	IEC-male	IEC-male
CC02-71M71F01-0S02-600	60	IEC-male	IEC-female
CC02-71F71F01-0S02-600	60	IEC-female	IEC-female





IV. Calibration Kit



Features

- Up to 40 GHz
- High Precision
- Complete 9 pcs Standard Kit
- Suitable for most 50 Ohm Network Analyzers

The SK-5003 is a 50 ohm, 40 GHz, 2.92mm-type standard kit (general purpose calibration kit) that includes male and female 2.92mm-type open, short, load and three 2.92mm-type through adapters for a total of 9 complete components. In addition, it includes an open end wrench and a torque wrench. The SK-5003's outstanding electrical specifications make it suitable for use in the calibration of most network analyzers.

	Items	No.	Specifications
Open	Female	SK-5003-OF	± 1.5° from nominal (DC to ≤40GHz)
	Male	SK-5003-OM	
Short	Female	SK-5003-SF	± 2.0° from nominal (DC to ≤40GHz)
	Male	SK-5003-SM	
Load	Female	SK-5003-LF	Return Loss ≥40dB (DC to ≤4GHz)
	Male	SK-5003-LM	Return Loss ≥25dB (>4GHz to ≤40GHz)
2.92mm Through	Female to Female	SK-5003-TF	Return Loss ≥30dB (DC to ≤4GHz)
	Male to Male	SK-5003-TM	Return Loss ≥28dB (>4GHz to ≤20GHz)
	Female to Male	SK-5003-TFM	Return Loss ≥25dB (>20GHz to ≤40GHz)

* Specifications are subject to change without notice.



Features

- Up to 26.5 GHz
- High Precision
- Complete 9 pcs Standard Kit
- Suitable for most 50 Ohm Network Analyzers

The SK-5002 is a 50 ohm, 26.5 GHz, 3.5mm-type standard kit (general purpose calibration kit) that includes male and female 3.5mm-type open, short, load and three 3.5mm-type through adapters for a total of 9 complete components. In addition, it includes an open end wrench and a torque wrench. The SK-5002's outstanding electrical specifications make it suitable for use in the calibration of most network analyzers (e.g. Agilent E524xA, E522xA, E523xA...etc.).

	Items	No.	Specifications
Open	Female	SK-5002-OF	± 0.65° from nominal (DC to ≤3GHz)
	Male	SK-5002-OM	± 1.2° from nominal (>3GHz to ≤8GHz) ± 2.0° from nominal (>8GHz to ≤26.5GHz)
Short	Female	SK-5002-SF	± 0.65° from nominal (DC to ≤3GHz)
	Male	SK-5002-SM	± 1.2° from nominal (>3GHz to ≤8GHz) ± 2.0° from nominal (>8GHz to ≤26.5GHz)
Load	Female	SK-5002-LF	Return Loss ≥44dB (DC to ≤3GHz)
	Male	SK-5002-LM	Return Loss ≥36dB (>3GHz to ≤6GHz) Return Loss ≥30dB (>6GHz to ≤26.5GHz)
3.5mm Through	Female to Female	SK-5002-TF	Return Loss ≥30dB (DC to ≤8GHz)
	Male to Male	SK-5002-TM	Return Loss ≥28dB (>8GHz to ≤18GHz)
	Female to Male	SK-5002-TFM	Return Loss ≥26dB (>18GHz to ≤26.5GHz)

* Specifications are subject to change without notice.



IV. Calibration Kit

The SK-5002-M and SK-5002-F are portable 4-in-1 standard kits (general purpose calibration kits) that are integrated into a compact package making it ideal for portable SOLT calibration on base station analyzers, VNAs and spectrum analyzers.

The compact unit can be easily stored in a tool case, handbag or even pocket. It also has a lanyard design that can be hung around the neck if needed.

Excellent electrical specifications make the SK-5002-M and SK-5002-F suitable for calibration of most network analyzers (e.g. Agilent E524xA, E522xA, E523xA, etc.).

- * SK-5002-M: includes male type of open, short, load and thru.
- * SK-5002-F: includes female type of open, short, load and thru.
- * The specifications of the SK-5002-M and SK-5002-F are the same as SK-5002.



Features

- 4-in-1
- Compact Size
- Up to 26.5 GHz
- High Precision
- Suitable for most 50 Ohm Network Analyzers

SK-5002-M Standard Kit

Items	No.	Specifications
Open Male	SK-5002-OM	± 0.65° from nominal (DC to ≤3GHz) ± 1.2° from nominal (>3GHz to ≤8GHz) ± 2.0° from nominal (>8GHz to ≤26.5GHz)
Short Male	SK-5002-SM	± 0.65° from nominal (DC to ≤3GHz) ± 1.2° from nominal (>3GHz to ≤8GHz) ± 2.0° from nominal (>8GHz to ≤26.5GHz)
Load Male	SK-5002-LM	Return Loss ≥44dB (DC to ≤3GHz) Return Loss ≥36dB (>3GHz to ≤6GHz) Return Loss ≥30dB (>6GHz to ≤26.5GHz)
3.5mm Through Male to Male	SK-5002-TM	Return Loss ≥30dB (DC to ≤8GHz) Return Loss ≥28dB (>8GHz to ≤18GHz) Return Loss ≥26dB (>18GHz to ≤26.5GHz)

* Specifications are subject to change without notice.

SK-5002-F Standard Kit

Items	No.	Specifications
Open Female	SK-5002-OF	± 0.65° from nominal (DC to ≤3GHz) ± 1.2° from nominal (>3GHz to ≤8GHz) ± 2.0° from nominal (>8GHz to ≤26.5GHz)
Short Female	SK-5002-SF	± 0.65° from nominal (DC to ≤3GHz) ± 1.2° from nominal (>3GHz to ≤8GHz) ± 2.0° from nominal (>8GHz to ≤26.5GHz)
Load Female	SK-5002-LF	Return Loss ≥44dB (DC to ≤3GHz) Return Loss ≥36dB (>3GHz to ≤6GHz) Return Loss ≥30dB (>6GHz to ≤26.5GHz)
3.5mm Through Female to Female	SK-5002-TF	Return Loss ≥30dB (DC to ≤8GHz) Return Loss ≥28dB (>8GHz to ≤18GHz) Return Loss ≥26dB (>18GHz to ≤26.5GHz)

* Specifications are subject to change without notice.

IV. Calibration Kit



Features

- Up to 8.5GHz
- High Precision
- Complete 8 pcs Standard Kit
- Suitable for most 50 Ohm Network Analyzers

The SK-5001 is a 50 ohm, 8.5 GHz, 3.5mm-type standard kit (general purpose calibration kit) that includes male and female 3.5mm-type open, short, load and two 3.5mm-type through adapters for a total of 8 complete components. In addition, it includes an open end wrench and a torque wrench. The SK-5001's outstanding electrical specifications make it suitable for use in the calibration of most network analyzers (e.g. HP 87xx, Agilent E5061A/B, E5062A, E5071C...etc).

Items	No.	Specifications
Open	Female SK-5001-OF	$\pm 0.8^\circ$ from nominal (DC to $\leq 3\text{GHz}$)
	Male SK-5001-OM	$\pm 1.2^\circ$ from nominal ($> 3\text{GHz}$ to $\leq 8.5\text{GHz}$)
Short	Female SK-5001-SF	$\pm 0.8^\circ$ from nominal (DC to $\leq 3\text{GHz}$)
	Male SK-5001-SM	$\pm 1.0^\circ$ from nominal ($> 3\text{GHz}$ to $\leq 8.5\text{GHz}$)
Load	Female SK-5001-LF	Return Loss $\geq 40\text{dB}$ (DC to $\leq 3\text{GHz}$)
	Male SK-5001-LM	Return Loss $\geq 36\text{dB}$ ($> 3\text{GHz}$ to $\leq 8.5\text{GHz}$)
Through	Female SK-5001-TF	Return Loss $\geq 30\text{dB}$ (DC to 8.5GHz)
	Male SK-5001-TM	

* Specifications are subject to change without notice.

Features

- Up to 3GHz
- High Precision
- Complete 7pcs standard kit
- Suitable for most 75 Ohm Network Analyzers

The SK-7501 is a 75 ohm, 3 GHz, F-type standard kit (general purpose calibration kit) that includes male and female F-type open, short, load and one F-female adapter for a total of 7 complete components.

The SK-7501's outstanding electrical specifications make it suitable for use in the calibration of most network analyzers (e.g. HP 87xx, Agilent E5062A, E5061B).

Items	No.	Specifications
Open	Female SK-7501-OF	$\pm 1.0^\circ$ from nominal (DC to $\leq 1\text{GHz}$)
	Male SK-7501-OM	$\pm 2.0^\circ$ from nominal ($> 1\text{GHz}$ to $\leq 3\text{GHz}$)
Short	Female SK-7501-SF	$\pm 1.0^\circ$ from nominal (DC to $\leq 1\text{GHz}$)
	Male SK-7501-SM	$\pm 2.0^\circ$ from nominal ($> 1\text{GHz}$ to $\leq 3\text{GHz}$)
Load	Female SK-7501-LF	Return Loss $\geq 38\text{dB}$ (DC to $\leq 1\text{GHz}$)
	Male SK-7501-LM	Return Loss $\geq 36\text{dB}$ ($> 1\text{GHz}$ to $\leq 3\text{GHz}$)
F-Type Through	Female SK-7501-TF	Return Loss $\geq 40\text{dB}$ (DC to $\leq 1\text{GHz}$)
		Return Loss $\geq 30\text{dB}$ ($> 1\text{GHz}$ to $\leq 3\text{GHz}$)

* Specifications are subject to change without notice.

IV. Calibration Kit



Features

- Up to 4GHz
- High Precision
- Complete 7 pcs Standard Kit
- Suitable for most 75Ohm Network Analyzers

The SK-7502 is a 75 ohm, 4 GHz, F-type standard kit (general purpose calibration kit) that includes male and female F-type open, short, load and one F-female adapter for a total of 7 complete components.

It is specifically designed for 75 ohm components measurement applications with frequencies higher than 3224 MHz or higher.

Use SK-7502 and our 4 GHz impedance converter, 75 ohm 4 GHz test cables and 50 ohm network analyzer (such as Agilent E5071B, E5071C, E5072A, E5063A), you can measure those 3224 MHz components.

The SK-7502's outstanding electrical specifications make it suitable for use in the calibration of most network analyzers.

Items	No.	Specifications
Open	Female SK-7502-OF	$\pm 1.0^\circ$ from nominal (DC to $\leq 1\text{GHz}$) $\pm 2.0^\circ$ from nominal ($>1\text{GHz}$ to $\leq 3\text{GHz}$)
	Male SK-7502-OM	$\pm 3.0^\circ$ from nominal ($>3\text{GHz}$ to $\leq 4\text{GHz}$)
Short	Female SK-7502-SF	$\pm 1.0^\circ$ from nominal (DC to $\leq 1\text{GHz}$) $\pm 2.0^\circ$ from nominal ($>1\text{GHz}$ to $\leq 3\text{GHz}$)
	Male SK-7502-SM	$\pm 3.0^\circ$ from nominal ($>3\text{GHz}$ to $\leq 4\text{GHz}$)
Load	Female SK-7502-LF	Return Loss $\geq 38\text{dB}$ (DC to $\leq 1\text{GHz}$) Return Loss $\geq 36\text{dB}$ ($>1\text{GHz}$ to $\leq 3\text{GHz}$)
	Male SK-7502-LM	Return Loss $\geq 26\text{dB}$ ($>3\text{GHz}$ to $\leq 4\text{GHz}$)
F-Type Through	Female SK-7502-TF	Return Loss $\geq 38\text{dB}$ (DC to $\leq 1\text{GHz}$) Return Loss $\geq 30\text{dB}$ ($>1\text{GHz}$ to $\leq 3\text{GHz}$) Return Loss $\geq 20\text{dB}$ ($>3\text{GHz}$ to $\leq 4\text{GHz}$)

* Specifications are subject to change without notice.

V. Attenuator

\ Fixed



Features

- Up to 6 GHz
- Excellent Return Loss
- High Accuracy
- Precision Connector Thread
- Exquisite Plating Quality
- Good Weather Resistance

Features

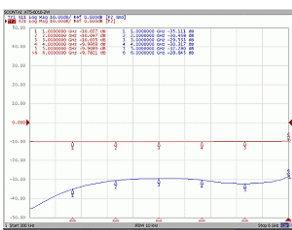
- Up to 3 GHz
- Excellent Return Loss
- High Accuracy
- Precision Connector Thread
- Exquisite Plating Quality
- Body Color can be Customized

Item	AT5-6□□103-2W
Impedance	50 Ohm
Attenuation	3dB, 5dB, 6dB, 9dB, 10dB, 12dB, 15dB, 16dB, 18dB, 20dB, 25dB, 30dB
Frequency Range	9 kHz - 6 GHz
Insertion Loss (9 kHz-3000 MHz)	10dB +/- 0.2dB(max)
Insertion Loss (3001-6000 MHz)	10dB +/- 0.4dB(max)
Return Loss (9 kHz-3000 MHz)	30dB (typ) / 25dB (min)
Return Loss (3001-6000 MHz)	30dB (typ) / 23dB (min)
Maximum Input Power	2W (avg.)
DC Block	No
Connector Type	Male & Female SMA
Dimensions	9.35(φ) x 30.9mm
Net Weight	8g

* Specifications may be changed depending on the model or customer's requirement.

Item	AT11-3□□101-2W
Impedance	50 Ohm
Attenuation	3dB, 5dB, 6dB, 9dB, 10dB, 12dB, 15dB, 16dB, 18dB, 20dB, 25dB, 30dB, 35dB, 40dB
Frequency Range	9 kHz - 3 GHz
Insertion Loss	10dB +/- 0.5dB(max)
Return Loss	22dB (typ) / 20dB (min)
Maximum Input Power	2W (avg.)
DC Block	No
Connector Type	Male & Female N-type
Dimensions	18(φ) x 59.2(L) mm
Net Weight	66 g

* Specifications may be changed depending on the model or customer's requirement.



V. Attenuator

\ Fixed

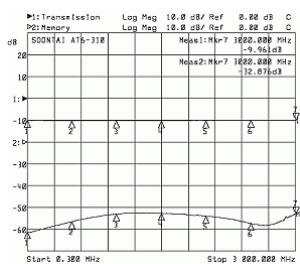


Features

- Up to 3 GHz
- Excellent Return Loss
- High Accuracy
- Precision Connector Thread
- Excellent Mechanical Structure
- Exquisite Plating Quality
- Good Weather Resistance

Item	AT6-3□□101
Impedance	75 ohm
Attenuation	1dB, 3dB, 5dB, 6dB, 9dB, 10dB, 12dB, 15dB, 16dB, 18dB, 20dB, 25dB, 30dB
Frequency Range	0.3 - 3000MHz
Insertion Loss (0.3-3000MHz)	10dB+/-0.5dB(max)
Return Loss (0.3-2000MHz)	35dB (typ) / 25dB (min)
Return Loss (2001-3000MHz)	30dB (typ) / 20dB (min)
Maximum Input Power	2W (avg.)
DC Block	No
Connector	Male & Female "F" type
Dimensions	15(φ) x 46.05mm
Net Weight	26g

* Specifications may be changed depending on the model or customer's requirement.



Features

- Up to 3.0 GHz
- Excellent Return Loss
- High Accuracy
- Brass Tube Housing
- Excellent Mechanical Structure
- High RFI Shielding
- Precision Connector
- Exquisite Plating Quality
- Good Weather Resistance
- Suitable for TV, CCTV, Video RF SG systems

Item	AT7-2□□101
Impedance	75 Ohm
Attenuation	1dB, 3dB, 5dB, 6dB, 9dB, 10dB, 12dB, 15dB, 16dB, 18dB, 20dB, 25dB, 30dB, 40dB
Frequency Range	0.3 - 2000 MHz
Insertion Loss (0.3-2000 MHz)	6 +/-0.5 dB(max)
Return Loss (0.3-2000MHz)	20 dB(typ) / 18 dB(min)
Maximum Input Power	0.5 W(avg.)
DC Block	No
Connector	Male and Female BNC type
Dimensions	15(φ) x 49 mm
Net Weight	26 g

* Specifications may be changed depending on the model or customer's requirement.

V. Attenuator \ Fixed

The MAT-7xxxx series is a 75 Ohm 1 GHz manual step attenuator that provides attenuation in 1dB-steps from 0 to 42/ 61/ 71dB.

It boasts a very good full band attenuation accuracy (+/- 0.5dB) and a minimum 16dB return loss. These specifications are stable for at least 20,000 usage cycles!

Now, the 1250 MHz models is also available, please specify when ordering.



Item	MAT-74201-FF/FF	MAT-76101-FF/FF	MAT-77101-FF/FF
Impedance	75 Ohm		
Frequency Range	300 kHz ~ 1000 MHz		
Attenuation	0 to 42 dB	0 to 61 dB	0 to 71 dB
	1 dB/step	1 dB/step	1 dB/step
Insertion Loss (@0dB)	1.2 dB(typ) @ 0.5 GHz	1.2 dB(typ) @ 0.5 GHz	1.2 dB(typ) @ 0.5 GHz
	2.6 dB(typ) @ 1GHz	2.6 dB(typ) @ 1GHz	2.6 dB(typ) @ 1GHz
Accuracy	+/-0.4 dB	+/-0.5 dB	+/-0.5 dB
Return Loss	20 dB(typ) / 16 dB(min)		
Power Rating	1 W avg.(max)		
DC Block	No (Do not input DC power)		
Connector	Female "F" type		
Dimensions	32(H) x 130(W) x 43(D) mm		
Net Weight	142g		

* Specifications may be changed depending on the model or customer's requirement.

Features

- 1 dB/step
- High Precision
- Excellent Return Loss
- Long Life : 20,000 switch cycles(min)
- Excellent Mechanical Structure
- Precision Connector
- Aluminum Alloy Housing
- Exquisite Baking Painting Quality
- Good Weather Resistance

Model	Attenuation	Frequency Range	Connectors
MAT-74201-FF/FF	42 dB, 1 dB/step		
MAT-76101-FF/FF	61 dB, 1 dB/step	300 kHz - 1000 MHz	Female "F" type
MAT-77101-FF/FF	71 dB, 1 dB/step		
MAT-74202-FF/FF	42 dB, 1 dB/step		
MAT-76102-FF/FF	61 dB, 1 dB/step	300 kHz - 1250 MHz	Female "F" type
MAT-77102-FF/FF	71 dB, 1 dB/step		
MAT-74201-BNCF/BNCF	42 dB, 1 dB/step		
MAT-76101-BNCF/BNCF	62 dB, 1 dB/step	300 kHz - 1000 MHz	Female "BNC" type
MAT-78201-BNCF/BNCF	82 dB, 1 dB/step		
MAT-74202-BNCF/BNCF	42 dB, 1 dB/step		
MAT-76102-BNCF/BNCF	62 dB, 1 dB/step	300 kHz - 1250 MHz	Female "BNC" type
MAT-78202-BNCF/BNCF	82 dB, 1 dB/step		



Features

- Up to 4 GHz
- Excellent Return Loss
- High Accuracy
- Precision Connector Thread
- Excellent Mechanical Structure
- Exquisite Plating Quality
- Good Weather Resistance

Item	AT6-4□□101
Impedance	75 Ohm
Attenuation	1dB, 3dB, 5dB, 6dB, 9dB, 10dB, 12dB, 15dB, 16dB, 18dB, 20dB, 25dB, 30dB
Frequency Range	0.3 - 4000 MHz
Insertion Loss (< 3 GHz)	10dB+/-0.5dB(max)
Insertion Loss (< 4 GHz)	10dB+/-0.8dB(max)
Return Loss (< 3 GHz)	20dB (min)
Return Loss (< 4 GHz)	16dB (min)
Maximum Input Power	2W (avg.)
DC Block	No
Connector	Male & Female "F" type
Dimensions	15(φ) x 46.05mm
Net Weight	26g

* Specifications may be changed depending on the model or customer's requirement.

VI. Impedance matching \ Standard Size

IC1 series Impedance Converters

The impedance converter can be used to convert 50 ohm to 75 ohm or 75 ohm to 50 ohm for RF measurements.

With extensive measurement expertise and precision instrumentation (75 ohm and 50 ohm Network Analyzer), Soontai has developed a range of high quality laboratory grade impedance converters of different connector types to meet your testing needs.



The following is a list of impedance converters for different types of connectors commonly used. If there are other types of connectors, customization is welcome.

Features

- Excellent Return Loss
- Excellent Flatness Curve
- Low Loss
- Excellent Mechanical Structure
- Precision Connector
- Brass Housing
- High RFI Shielding
- Exquisite Plating Quality
- Good Weather Resistance

Model	Pass Band	Loss	Connector 1	Connector 2
IC1-112314-03	5 - 1500 MHz	1 dB	N, Male	F, Female
IC1-112316-03	5 - 1500 MHz	1 dB	N, Male	N, Female
IC1-112414-03	5 - 1500 MHz	1 dB	SMA, Female	F, Female
IC1-112415-03	5 - 1500 MHz	1 dB	SMA, Female	F, Male
IC1-112514-03	5 - 1500 MHz	1 dB	SMA, Male	F, Female
IC1-112515-03	5 - 1500 MHz	1 dB	SMA, Male	F, Male
IC1-362214-02	9 kHz - 3000 MHz	6 dB	N, Female	F, Female
IC1-362314-02	9 kHz - 3000 MHz	6 dB	N, Male	F, Female
IC1-362316-02	9 kHz - 3000 MHz	6 dB	N, Male	N, Female
IC1-362414-02	9 kHz - 3000 MHz	6 dB	SMA, Female	F, Female
IC1-362415-02	9 kHz - 3000 MHz	6 dB	SMA, Female	F, Male
IC1-362514-02	9 kHz - 3000 MHz	6 dB	SMA, Male	F, Female
IC1-362515-02	9 kHz - 3000 MHz	6 dB	SMA, Male	F, Male
IC1-462214-01	9 kHz - 3.5 GHz	6 dB	N, Female	F, Female
IC1-462314-01	9 kHz - 3.5 GHz	6 dB	N, Male	F, Female
IC1-462316-01	9 kHz - 3.5 GHz	6 dB	N, Male	N, Female
IC1-462414-01	9 kHz - 3.5 GHz	6 dB	SMA, Female	F, Female
IC1-462415-01	9 kHz - 3.5 GHz	6 dB	SMA, Female	F, Male
IC1-462514-01	9 kHz - 3.5 GHz	6 dB	SMA, Male	F, Female
IC1-462515-01	9 kHz - 3.5 GHz	6 dB	SMA, Male	F, Male

* IC1 = Standard Size IC2 = Mini Size

* Connector 1: 50 Ohm Connector 2: 75 Ohm

Item	IC1-362414-02
Connector 1 Impedance	50 Ohm, SMA-type Female
Connector 2 Impedance	75 Ohm, F-type Female
Frequency Range	9 kHz - 3000 MHz
Insertion Loss	5.5 dB(typ) / 6.0 dB(max)
Return Loss	25 dB(min) / 30 dB(typ) @ 9 kHz - 2000 MHz
Return Loss	23 dB(min) / 27 dB(typ) @ 2001 - 3000 MHz
Dimensions	20.5 (φ) x 62 (L) mm
Net Weight	45.4 g

* Specifications may be changed depending on the model or customer's requirement.

VI. Impedance matching \ Mini Size

IC2 series Impedance Converters

The impedance converter can be used to convert 50 ohm to 75 ohm or 75 ohm to 50 ohm for RF measurements.

With extensive measurement expertise and precision instrumentation (75 ohm and 50 ohm Network Analyzer), Soontai has developed a range of high quality laboratory grade impedance converters of different connector types to meet your testing needs.

The following is a list of impedance converters for different types of connectors commonly used. If there are other types of connectors, customization is welcome.



Features

- Excellent Return Loss
- Excellent Flatness Curve
- Low Loss
- Excellent Mechanical Structure
- Precision Connector
- Brass Housing
- High RFI Shielding
- Exquisite Plating Quality
- Good Weather Resistance

Item	IC2-112514-01	
Connector 1 Impedance	50 Ohm, SMA-type Male	
Connector 2 Impedance	75 Ohm, F-type Female	
Frequency Range	5 - 1500 MHz	
Insertion Loss	0.5 dB(typ) / 0.8 dB(max)	
Return Loss	20 dB(min) / 22 dB(typ) @ 5 - 100 MHz	
Return Loss	23 dB(min) / 26 dB(typ) @ 101 - 1500 MHz	
Dimensions	12.5 (φ) x 46.7 (L) mm	
Net Weight	17.5 g	

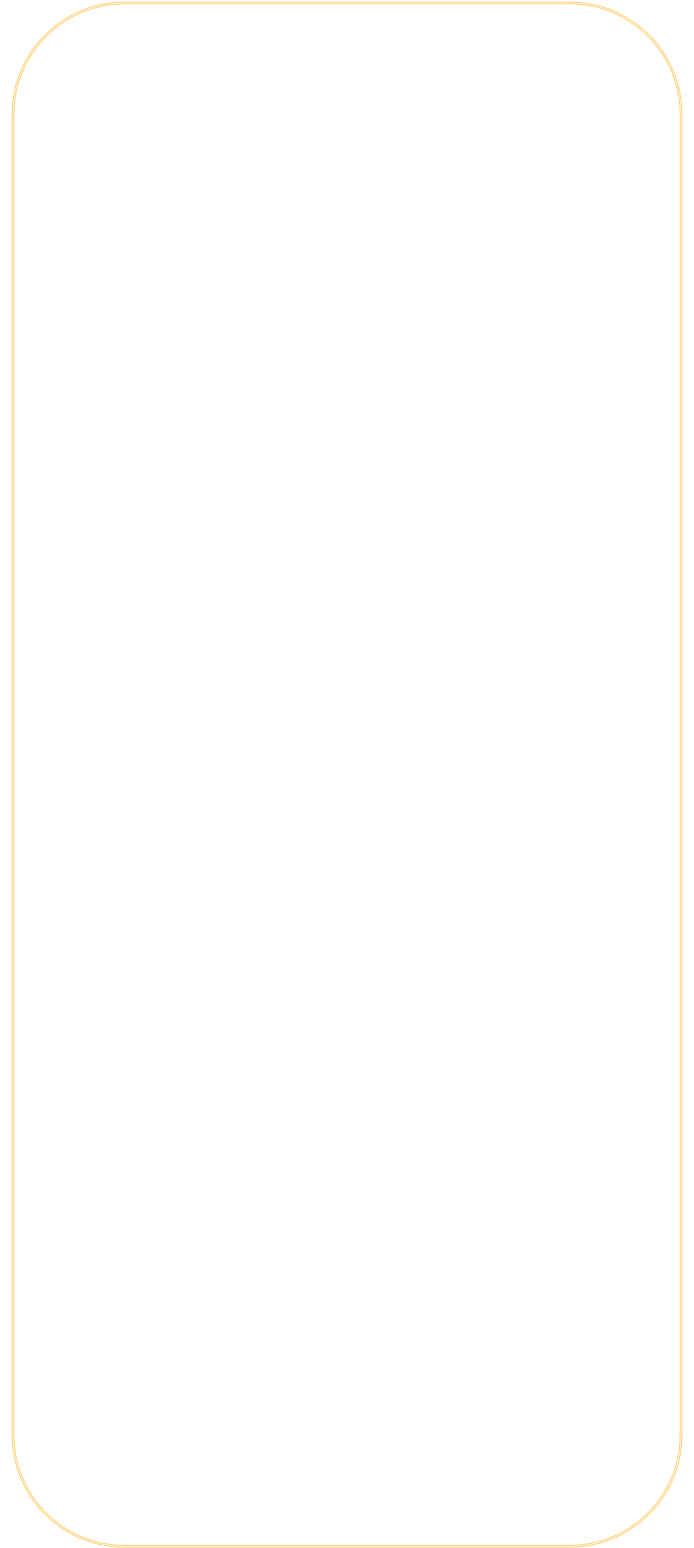
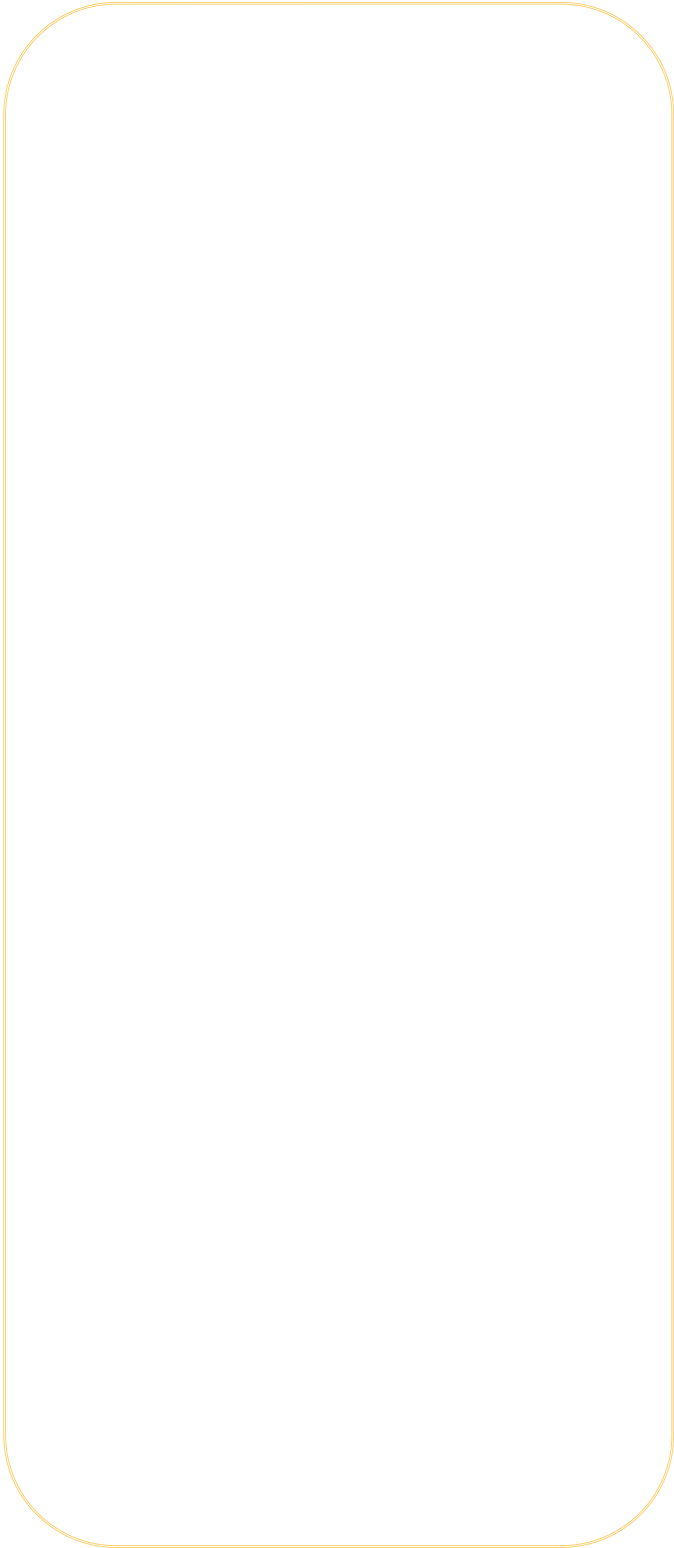
* Specifications may be changed depending on the model or customer's requirement.

Model	Pass Band	Loss	Connector 1	Connector 2
IC2-112414-01	5 - 1500 MHz	1 dB	SMA, Female	F, Female
IC2-112514-01	5 - 1500 MHz	1 dB	SMA, Male	F, Female
IC2-362414-02	9 kHz - 3000 MHz	6 dB	SMA, Female	F, Female
IC2-362514-02	9 kHz - 3000 MHz	6 dB	SMA, Male	F, Female
IC2-462414-01	9 kHz - 3.5 GHz	6 dB	SMA, Female	F, Female
IC2-462514-01	9 kHz - 3.5 GHz	6 dB	SMA, Male	F, Female

* IC1 = Standard Size IC2 = Mini Size

* Connector 1 : 50 Ohm Connector 2 : 75 Ohm

VI. Impedance matching



VII. Terminator \ 50 Ohm

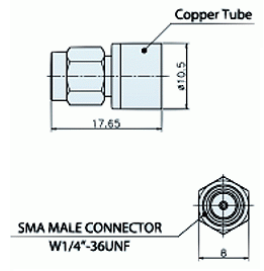
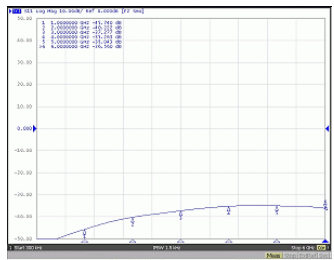


Features

- Excellent Return Loss
- High Precision
- High Stability
- Excellent Mechanical Structure
- Precision Connector
- Exquisite Plating Quality

Item	TL2 - 6102-2W	TL2 - 6103-2W
Impedance	50 Ohm	50 Ohm
Frequency Range	9 kHz - 6 GHz	9 kHz - 6 GHz
Return Loss (9 kHz-3 GHz)	35 dB(typ) / 30 dB(min)	25 dB(typ) / 20 dB(min)
Return Loss (3-6 GHz)	30 dB(typ) / 25 dB(min)	25 dB(typ) / 20 dB(min)
Power Rating	2 W (average)	2 W (average)
DC Blocking	No	No
Connector Type	SMA-male (rotation type)	SMA-male
Material	Brass, Gold-plated	Brass, Nickle-plated
Dimensions	10.5(φ) x 17.7 mm	10.5(φ) x 17.7 mm
Net Weight	7 g	7 g

* Specifications may be changed depending on the model or customer's requirement.

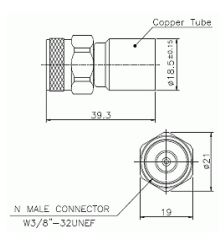


Features

- Excellent Return Loss
- High Precision
- High Stability
- Excellent Mechanical Structure
- Precision Connector
- Exquisite Plating Quality

Item	TL4 - 8101-2W
Impedance	50 ohm
Frequency Range	5 - 8000MHz
Return Loss (5 kHz-3 GHz)	40dB (typ) / 35dB (min)
Return Loss (3-6 GHz)	35dB (typ) / 30dB (min)
Return Loss (6-8 GHz)	25dB (typ) / 20dB (min)
Power Rating	2W (average)
DC Blocking	No
Connector Type	N-type, male
Dimensions	21(φ) x 39.3 mm
Net Weight	57.3g

* Specifications may be changed depending on the model or customer's requirement.



VII. Terminator \ 50 Ohm



Features

- Good Return Loss
- High Precision
- High Stability
- Excellent Mechanical Structure
- Precision Connector
- Exquisite Plating Quality

Item	TL5 - 3101
Impedance	50 ohm
Frequency Range	5 - 3000MHz
Return Loss (5-3000MHz)	15dB (typ) / 10dB (min)
Power Rating	2W (average)
DC Block	No
Connector Type	MCX-type, male
Material	Copper Zinc-plated
Dimensions	10.1(φ) x 18 mm
Net Weight	5g

* Specifications may be changed depending on the model or customer's requirement.



Features

- Excellent Return Loss
- High Precision
- High Stability
- Excellent Mechanical Structure
- Precision Connector
- Exquisite Plating Quality

Item	TL6 - 6101
Impedance	50 Ohm
Frequency Range	10 - 6000MHz
Return Loss (10-3000MHz)	20dB (typ) / 16dB (min)
Return Loss (3001-6000MHz)	18dB (typ) / 14dB (min)
Power Rating	2W (max.)
DC Block	No
Connector Type	BNC-type, male
Material	Copper Zinc-plated and Gold-plated
Dimensions	14.5(φ) x 18 mm
Net Weight	15.5g

* Specifications may be changed depending on the model or customer's requirement.

VII. Terminator \ 50 Ohm



Features

- Up to 27 GHz
- Excellent Return Loss
- High Precision
- High Stability
- Excellent Mechanical Structure
- Precision Connector
- Exquisite Plating Quality

Item	TL7-27201	TL7-27202
Impedance	50 Ohm	50 Ohm
Frequency Range	9kHz - 27GHz	9kHz - 27GHz
Return Loss	22dB (min)	22dB (min)
DC Block	No	No
Connector Type	3.5mm-male	3.5mm-female
Housing Material	Passivated Stainless Steel	
Center Pin Material	Gold-plated Beryllium Copper	
Dimensions	9.0(φ) x 24.6 mm	8.5(φ) x 24 mm
Net Weight	7.7 g	6.8 g

* Specifications may be changed depending on the model or customer's requirement.



Features

- Compact Size
- Excellent Return Loss
- High Stability
- Excellent Mechanical Structure
- Precision Connector
- Exquisite Plating Quality

Item	TL9 - 18101	TL9 - 18102
Impedance	50 Ohm	50 Ohm
Frequency Range	9 kHz - 18 GHz	9 kHz - 18 GHz
Return Loss	20 dB(min)	20 dB(min)
Power Rating (@ 25 °C)	1 W(average)	1 W(average)
DC Block	No	No
Connector Type	SMA-male	SMA-male
Material	Nickel-plated Brass	Gold-plated Brass
Length	8.8 mm	8.8 mm
Hex Size	5/16 inch	5/16 inch
Net Weight	2.6 g	2.6 g

* Specifications may be changed depending on the model or customer's requirement.

VII. Terminator \ 50 Ohm



Features

- Compact Size
- Excellent Return Loss
- High Stability
- Excellent Mechanical Structure
- Precision Connector
- Exquisite Plating Quality

Item	TL11 - 18101	TL11 - 18102
Impedance	50 Ohm	50 Ohm
Frequency Range	9 kHz - 18 GHz	9 kHz - 18 GHz
Return Loss	20 dB(min)	20 dB(min)
Power Rating (@ 25 °C)	2 W(average)	2 W(average)
DC Block	No	No
Connector Type	SMA-male	SMA-male
Material	Brass, Gold-plated	Brass, Gold-plated
Dimensions	9(φ) x 10.7 mm	9(φ) x 15.3 mm
Net Weight	3.0 g	4.5 g
Note	-	with 80 mm Chain Plug

* Specifications may be changed depending on the model or customer's requirement.



Features

- Compact Size
- Excellent Return Loss
- High Stability
- Excellent Mechanical Structure
- Precision Connector
- Exquisite Plating Quality

Item	TL11 - 27101	TL11 - 27102
Impedance	50 Ohm	50 Ohm
Frequency Range	9 kHz - 27 GHz	9 kHz - 27 GHz
Return Loss	20 dB(min)	20 dB(min)
Power Rating (@ 25 °C)	2 W(average)	2 W(average)
DC Block	No	No
Connector Type	SMA-male	SMA-male
Material	Brass, Gold-plated	Brass, Gold-plated
Dimensions	9(φ) x 10.7 mm	9(φ) x 15.3 mm
Net Weight	3.0 g	4.5 g
Note	-	with 80 mm Chain Plug

* Specifications may be changed depending on the model or customer's requirement.

VII. Terminator \ 50 Ohm



Features

- Wideband, 18 GHz
- Excellent Return Loss, > 20dB
- Power Handling, 10W
- Precision SMA Connector
- Exquisite Mechanical Process Quality

Features

- Wideband, 8.5 GHz
- Excellent Return Loss, > 20dB
- Power Handling, 10W
- Precision SMA Connector
- Exquisite Mechanical Process Quality

Item	TL14 - 18101	TL14 - 18102
Impedance	50 Ohm	50 Ohm
Frequency Range	9 kHz - 18 GHz	9 kHz - 18 GHz
Return Loss	20 dB(min)	20 dB(min)
Power Rating (@ 25 °C)	10 W(average)	10 W(average)
DC Block	No	No
Connector Type	SMA-male	SMA-male
Material	Gold-plated Brass	Passivated Stainless Steel
Dimensions	25(φ) x 35 mm	25(φ) x 35 mm
Net Weight	22.5 g	22.5 g

* Specifications may be changed depending on the model or customer's requirement.

Item	TL14 - 08101	TL14 - 08102
Impedance	50 Ohm	50 Ohm
Frequency Range	9 kHz - 8.5 GHz	9 kHz - 8.5 GHz
Return Loss	20 dB(min)	20 dB(min)
Power Rating (@ 25 °C)	10 W(average)	10 W(average)
DC Block	No	No
Connector	SMA-male	SMA-male
Material	Gold-plated Brass	Passivated Stainless Steel
Dimensions	25(φ) x 35 mm	25(φ) x 35 mm
Net Weight	22.5 g	22.5 g

* Specifications may be changed depending on the model or customer's requirement.

VII. Terminator \ 50 Ohm



Features

- Compact Size
- Internally Open
- Excellent Mechanical Structure
- Precision Connector
- Exquisite Plating Quality

Item	OC1-101	OC1-102
Impedance	50 Ohm	50 Ohm
Connector Type	Open, SMA-male	Open, SMA-male
Material	Brass, Gold-plated	Brass, Gold-plated
Dimensions	9(φ) x 10.7 mm	9(φ) x 15.3 mm
Net Weight	3.0 g	4.5 g
Accessory	-	with 85 mm Chain Plug

Item	OC1-103	OC1-104
Impedance	50 Ohm	50 Ohm
Connector Type	Open, SMA-male	Open, SMA-male
Material	Stainless Steel	Stainless Steel
Dimensions	9(φ) x 10.7 mm	9(φ) x 15.3 mm
Net Weight	3.0 g	4.5 g
Accessory	-	with 85 mm Chain Plug

* Specifications may be changed depending on the model or customer's requirement.



Features

- Compact Size
- Internally Open
- Excellent Mechanical Structure
- Precision Connector
- Exquisite Plating Quality

tem	SC1-101	SC1-102
Impedance	50 Ohm	50 Ohm
Connector Type	SMA-male	SMA-male
Material	Brass, Gold-plated	Brass, Gold-plated
Dimensions	9(φ) x 10.7 mm	9(φ) x 15.3 mm
Net Weight	3.0 g	4.5 g
Accessory	-	with 85 mm Chain Plug

tem	SC1-103	SC1-104
Impedance	50 Ohm	50 Ohm
Connector Type	SMA-male	SMA-male
Material	Stainless Steel	Stainless Steel
Dimensions	9(φ) x 10.7 mm	9(φ) x 15.3 mm
Net Weight	3.0 g	4.5 g
Accessory	-	with 85 mm Chain Plug

* Specifications may be changed depending on the model or customer's requirement.

VII. Terminator \ 75 Ohm



Features

- Ergonomic Design
- Support DOCSIS 3.1, MoCA, satellite-IF
- Excellent Return Loss
- High Stability
- Precision Connector Thread
- Hermetic Housing
- High RFI Shielding
- Exquisite Plating Quality

Item	TL1 - 753F	TL1 - 753FC
DC Blocking	No	No
Voltage Withstanding	-	-
Frequency Range	DC - 3 GHz	5MHz - 3 GHz
Impedance	75 Ohm	75 Ohm
Return Loss (< 1 GHz)	25 dB(min)	25 dB(min)
Return Loss (< 3 GHz)	20 dB(min)	20 dB(min)
Power Rating	100 mW(average)	
Dimensions	12.5(φ) x 18.1 mm	
Net Weight	7.2 g	7.2 g
Note	-	with 80 mm Chain Plug

Item	TL1 - 753FB	TL1 - 753FBC
DC Blocking	Yes	Yes
Voltage Withstanding	DC 100 V(max)	
Frequency Range	5MHz - 2.5 GHz	5MHz - 3 GHz
Impedance	75 Ohm	75 Ohm
Return Loss (< 1 GHz)	25 dB(min)	25 dB(min)
Return Loss (< 3 GHz)	20 dB(min)	20 dB(min)
Power Rating	100 mW(average)	
Dimensions	12.5(φ) x 18.1 mm	
Net Weight	7.5 g	7.5 g
Note	-	with 80 mm Chain Plug

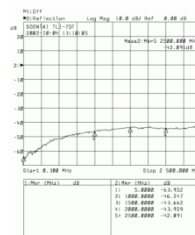
* Specifications may be changed depending on the model or customer's requirement.

Features

- Mini Size (12.5x16.8mm)
- Support DOCSIS 3.1
- Excellent Return Loss
- High Stability
- Precision Connector Thread
- Hermetic Housing
- High RFI Shielding
- Exquisite Plating Quality

Item	TL1 - 75F	TL1 - 75FB
Waterproof	Yes	Yes
DC Blocking	No	Yes
Voltage Withstanding	-	DC 100 V(max)
Frequency Range	DC - 2.5 GHz	5MHz - 2.5 GHz
Impedance	75 Ohm	
Return Loss (< 1 GHz)	30 dB(min)	25 dB(min)
Return Loss (< 2.5 GHz)	22 dB(min)	20 dB(min)
Power Rating	100 mW(average)	
Dimensions	12.5(φ) x 16 mm	
Net Weight	7.2 g	7.5 g

* Specifications may be changed depending on the model or customer's requirement.



TL1 - 75F

VII. Terminator \ 75 Ohm



Features

- Excellent Return Loss
- High Precision
- High Stability
- Excellent Mechanical Structure
- Precision Connector
- Exquisite Plating Quality

Item	TL3 - 4101
Impedance	75 ohm
Frequency Range	5 MHz - 4 GHz
Return Loss (< 3 GHz)	25 dB(min)
Return Loss (< 4 GHz)	20 dB(min)
DC Blocking	No
Connector	F-male
Dimensions	16(φ) x 34.35 mm
Net Weight	32.5g

* Specifications may be changed depending on the model or customer's requirement



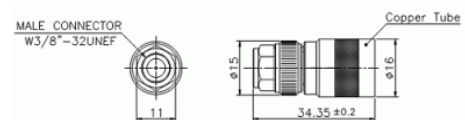
Features

- Excellent Return Loss
- High Precision
- High Stability
- Excellent Mechanical Structure
- Precision Connector
- Exquisite Plating Quality

tem	TL3 - 3101
Impedance	75 ohm
Frequency Range	5 - 3000MHz
Return Loss (5-1000MHz)	40dB (typ) / 35dB (min)
Return Loss (1001-2000MHz)	35dB (typ) / 30dB (min)
Return Loss (2001-3000MHz)	30dB (typ) / 25dB (min)
DC Block	No
Connector	Male "F" type
Dimensions	15(φ) x 34.35 mm
Net Weight	32.5g

* Specifications may be changed depending on the model or customer's requirement.

Drawing



VII. Terminator \ 75 Ohm



Features

- Excellent Return Loss
- High Precision
- High Stability
- Excellent Mechanical Structure
- Precision Connector
- Exquisite Plating Quality

Features

- Compact Size
- Wideband, up to 1.5 GHz
- Excellent Return Loss
- High Stability
- Good Mating and Unmating force
- Excellent Mechanical Structure

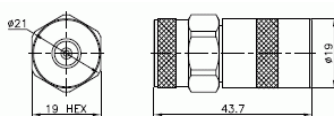
Item	TL8 - 3101	TL8 - 3201
Impedance	75 Ohm	75 Ohm
Frequency Range	0.3 - 3000MHz	0.3 - 3000MHz
Return Loss (0.3-3GHz)	30dB (typ) / 24dB (min)	30dB (typ) / 24dB (min)
Power Rating	2W (average)	2W (average)
DC Block	No	No
Connector Type	N-type, male	N-type, female
Dimensions	21(Φ) x 43.7 mm	21(Φ) x 43.7 mm
Net Weight	58g	58g

* Specifications may be changed depending on the model or customer's requirement.

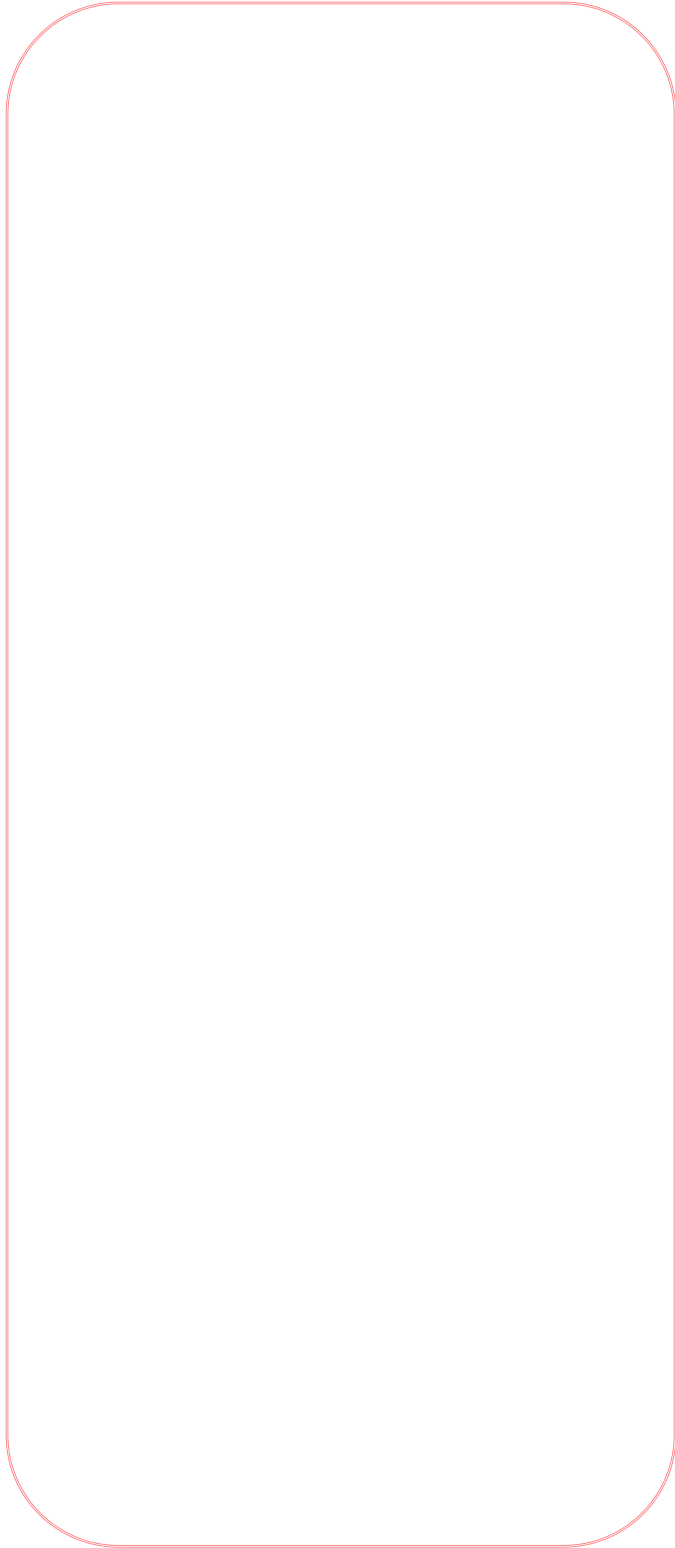
Item	TL13 - 15101	TL13 - 15102
Connector Type	IEC-male	IEC-female
Impedance	75 Ohm	
Frequency Range	5 - 1500 MHz	
Return Loss	20dB (min)	
DC Blocking	No	No
Dimensions	12(Φ) x 21 mm	12(Φ) x 20.6 mm
Net Weight	8.5 g	8.5 g

* Specifications may be changed depending on the model or customer's requirement.

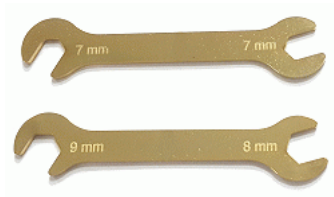
Drawing



VII. Terminator



VIII. Tools & RF Accessories \ Wrench



Features

- Exquisite Processing
- High Quality
- Precision
- Durable

When mating two connectors, it is necessary to fix the one connector to avoid rotating relative to the other one.

The WH-01 open-end wrench series can help you to hold the outer bodies of connector to restrict rotation, when assembling and disassembling 50 ohm SMA or 3.5 / 2.92 / 2.4 / 1.85mm connectors.

The WH-01070701 is compatible to HP/ Agilent/ Keysight 7 mm open-end wrench, P/N 8710-1761



Features

- Exquisite Processing
- High Quality
- Precision
- Durable
- Patented

Item	WH-02070004
Suitable for	50 ohm 3.5, 2.92, 2.4, 1.85 mm connectors
Hex Size	7 mm
Open-end Thickness	4.1 mm
Wrench Head Material	Steel
Handle Material	Anodized Aluminum
Handle Color	Red
Cirplet Color	Golden
Dimensions	9.5(Φ) x 78.5(L) mm
Net Weight	17.8 g

* Specifications may be change depending on the model or customer's requirement.

Model	Hex Size	Handle Color	Cirplet Color
WH-02070001	7 mm	Deep Blue	Light Blue
WH-02070002	7 mm	Black	Orange
WH-02070003	7 mm	Golden	Black
WH-02070004	7 mm	Red	Golden
WH-02070005	7 mm	Light Blue	Deep Blue
WH-02070006	7 mm	Orange	Black
WH-02080001	8 mm	Deep Blue	Light Blue
WH-02080002	8 mm	Black	Orange
WH-02080003	8 mm	Golden	Black
WH-02080004	8 mm	Red	Golden
WH-02080005	8 mm	Light Blue	Deep Blue
WH-02080006	8 mm	Orange	Black

* Other color combination is available.

Item	WH-01080901
Suitable for	50 ohm SMA, 3.5, 2.92, 2.4, 1.85 mm connectors
1st Hex Size	8 mm
2nd Hex Size	9 mm
Open-end Thickness	1.8 mm
Dimensions	17.1(W) x 82(L) mm
Net Weight	9.6 g

* Specifications may be changed depending on the model or customer's requirement.

Model	1st Hex Size	2nd Hex Size	Color
WH-01070701	7 mm	7 mm	Golden
WH-01080901	8 mm	9 mm	Golden

VIII. Tools & RF Accessories \ Torque Wrench



Features

- Excellent Mechanical Structure
- Exquisite Processing of Parts
- High Quality
- Precision
- Durable

Item	TW-22004410
Suitable for	4.3-10 mm connectors
Torque Type	Preset Torque
Design Type	Click type
Hex Size	22 mm
Torque Setting	44 in-lbs [5 N.m]
Wrench Head Material	Steel
Handle Material	Aluminum Alloy
Handle Color	Silver
Handle-end Color	Black
Length	156 mm

* Specifications may be change depending on the model or customer's requirement.

Model	Hex Size	Torque	Handle Color	Handle-end Color
TW-22004402	22 mm	44 in-lbs [5 N.m]	Black	Orange
TW-22004410	22 mm	44 in-lbs [5 N.m]	Silver	Black



Features

- Excellent Mechanical Structure
- Exquisite Processing of Parts
- High Quality
- Precision
- Durable
- Patented

Item	TW-20000803
Suitable for	NMD-3.5 / 2.92 / 2.4 / 1.85mm test port connectors
Torque Type	Preset Torque
Click Type	Break-Over
Hex Size	20mm
Torque Setting	8 in-lbs [0.9 N.m]
Wrench Head Material	Steel
Handle Material	Aluminum Alloy
Handle Color	Golden
Circllet Color	Black
Dimensions	15.5(4) x 166(L) mm
Net Weight (approx.)	92.8 g

* Specifications may be change depending on the model or customer's requirement.

Model	Hex Size	Torque	Handle Color	Circllet Color
TW-20000801	20mm	8 in-lbs [0.9 N.m]	Deep Blue	Light Blue
TW-20000802	20mm	8 in-lbs [0.9 N.m]	Black	Orange
TW-20000803	20mm	8 in-lbs [0.9 N.m]	Golden	Black
TW-20000804	20mm	8 in-lbs [0.9 N.m]	Red	Golden
TW-20000805	20mm	8 in-lbs [0.9 N.m]	Light Blue	Deep Blue
TW-20000806	20mm	8 in-lbs [0.9 N.m]	Orange	Black

* More than 6 kind of color combination can be customization. Please refer to 5/16" torque wrenches.



VIII. Tools & RF Accessories \ Torque Wrench



Features

- Excellent Mechanical Structure
- Exquisite Processing of Parts
- High Quality
- Precision
- Durable
- Patented

Item	TW-19001204
Suitable for	50/75 ohm N-type connectors
Torque Type	Preset Torque
Click Type	Break-Over
Hex Size	19mm
Torque Setting	12 in-lbs [1.35 N.m]
Wrench Head Material	Steel
Handle Material	Anodized Aluminum
Handle Color	Red
Circler Color	Golden
Dimensions	15.5(Φ) x 166(L) mm
Net Weight (approx.)	93.2 g

* Specifications may be change depending on the model or customer's requirement.

Model	Hex Size	Torque	Handle Color	Circler Color
TW-19001201	19mm	12 in-lbs [1.35 N.m]	Deep Blue	Light Blue
TW-19001202	19mm	12 in-lbs [1.35 N.m]	Black	Orange
TW-19001203	19mm	12 in-lbs [1.35 N.m]	Golden	Black
TW-19001204	19mm	12 in-lbs [1.35 N.m]	Red	Golden
TW-19001205	19mm	12 in-lbs [1.35 N.m]	Light Blue	Deep Blue
TW-19001206	19mm	12 in-lbs [1.35 N.m]	Orange	Black

* More than 6 kind of color combination can be customization. Please refer to 5/16" torque wrenches.



Features

- Excellent Mechanical Structure
- Exquisite Processing of Parts
- High Quality
- Precision
- Durable
- Patented

Item	TW-12001505
Suitable for	75 ohm F-type cal kits' connectors
Torque Type	Preset Torque
Click Type	Break-Over
Hex Size	12mm
Torque Setting	15 in-lbs [1.69 N.m]
Wrench Head Material	Steel
Handle Material	Anodized Aluminum
Handle Color	Light Blue
Circler Color	Deep Blue
Dimensions	15.5(Φ) x 150.5(L) mm
Net Weight (approx.)	85 g

* Specifications may be change depending on the model or customer's requirement.

Model	Hex Size	Torque	Handle Color	Circler Color
TW-12001501	12mm	15 in-lbs [1.69 N.m]	Deep Blue	Light Blue
TW-12001502	12mm	15 in-lbs [1.69 N.m]	Black	Orange
TW-12001503	12mm	15 in-lbs [1.69 N.m]	Golden	Black
TW-12001504	12mm	15 in-lbs [1.69 N.m]	Red	Golden
TW-12001505	12mm	15 in-lbs [1.69 N.m]	Light Blue	Deep Blue
TW-12001506	12mm	15 in-lbs [1.69 N.m]	Orange	Black

* More than 6 kind of color combination can be customization. Please refer to 5/16" torque wrenches.

VIII. Tools & RF Accessories \ Torque Wrench

TW-0516 series

The TW-0516 series is colorful high quality 5/16" torque wrench with accurate force designed allow use for assembling and disassembling SMA or 3.5 / 2.92 / 2.4 / 1.85mm connectors.

The hexagonal head is made of stainless steel for long-term wear resistance. The handle is made of aluminum alloy for light weight.

All parts of the mechanism are meticulously treated, have a good feel and avoid scratching the connector.

The TW-051608xx series is compatible to HP/ Agilent/ Keysight 5/16" torque wrench, 8 in-lbs, PN 8710-1765.

3.5mm,2.92mm, 2.4mm, 1.85mm connectors



Item	TW-05160803
Suitable for	3.5mm, 2.92mm, 2.4mm, 1.85mm connectors
Torque Type	Preset Torque
Design Type	Break-Over
Hex Size	5/16 inch [8 mm]
Torque Setting	8 in-lbs [0.9 N.m]
Wrench Head Material	Steel
Handle Material	Aluminum Alloy
Handle Color	Golden
Circllet Color	Black
Dimensions	15.5(4) x 150.5(L) mm
Net Weight	77 g

* Specifications may be change depending on the model or customer's requirement.

Features

- Excellent Mechanical Structure
- Exquisite Processing of Parts
- High Quality
- Precision
- Durable
- Patented

TW-051608□□

Suitable for 3.5mm, 2.92mm, 2.4mm, 1.85mm connectors

Model	Hex Size	Torque	Handle Color	Circllet Color
TW-05160801	5/16 inch	8 in-lbs [0.9 N.m]	Deep Blue	Light Blue
TW-05160802	5/16 inch	8 in-lbs [0.9 N.m]	Black	Orange
TW-05160803	5/16 inch	8 in-lbs [0.9 N.m]	Golden	Black
TW-05160804	5/16 inch	8 in-lbs [0.9 N.m]	Red	Golden
TW-05160805	5/16 inch	8 in-lbs [0.9 N.m]	Light Blue	Deep Blue
TW-05160806	5/16 inch	8 in-lbs [0.9 N.m]	Orange	Black

* Other color combination is available.

TW-051605□□

Suitable for SMA connectors

Model	Hex Size	Torque	Handle Color	Circllet Color
TW-05160501	5/16 inch	5 in-lbs [0.56 N.m]	Deep Blue	Light Blue
TW-05160502	5/16 inch	5 in-lbs [0.56 N.m]	Black	Orange
TW-05160503	5/16 inch	5 in-lbs [0.56 N.m]	Golden	Black
TW-05160504	5/16 inch	5 in-lbs [0.56 N.m]	Red	Golden
TW-05160505	5/16 inch	5 in-lbs [0.56 N.m]	Light Blue	Deep Blue
TW-05160506	5/16 inch	5 in-lbs [0.56 N.m]	Orange	Black

* Other color combination is available.



VIII. Tools & RF Accessories \ Torque Wrench



Features

- Excellent Mechanical Structure
- Exquisite Processing of Parts
- High Quality
- Precision
- Durable
- Patented

Item	TW-15643103
Suitable for	SMC connector
Torque Type	Preset Torque
Click Type	Break-Over
Hex Size	6mm
Torque Setting	3.1 in-lbs [0.35 N.m]
Wrench Head Material	Steel
Handle Material	Aluminum Alloy
Handle Color	Golden
Circllet Color	Black
Dimensions	15.4(Φ) x 147(L) mm
Net Weight (approx.)	75.3 g

* Specifications may be change depending on the model or customer's requirement.

Model	Hex Size	Torque	Handle Color	Circllet Color
TW-15643101	6mm	3.1 in-lbs [0.35 N.m]	Deep Blue	Light Blue
TW-15643102	6mm	3.1 in-lbs [0.35 N.m]	Black	Orange
TW-15643103	6mm	3.1 in-lbs [0.35 N.m]	Golden	Black
TW-15643104	6mm	3.1 in-lbs [0.35 N.m]	Red	Golden
TW-15643105	6mm	3.1 in-lbs [0.35 N.m]	Light Blue	Deep Blue
TW-15643106	6mm	3.1 in-lbs [0.35 N.m]	Orange	Black

* Other color combination is available.



Features

- Excellent Mechanical Structure
- Exquisite Processing of Parts
- High Quality
- Precision
- Durable
- Patented

Item	TW-15640403
Suitable for	1mm Connector
Torque Type	Preset Torque
Click Type	Break-Over
Hex Size	6mm
Torque Setting	4 in-lbs [0.45 N.m]
Wrench Head Material	Steel
Handle Material	Aluminum Alloy
Handle Color	Golden
Circllet Color	Black
Dimensions	15.4(Φ) x 147(L) mm
Net Weight (approx.)	75.3 g

* Specifications may be change depending on the model or customer's requirement.

Model	Hex Size	Torque	Handle Color	Circllet Color
TW-15640401	6mm	4 in-lbs [0.45 N.m]	Deep Blue	Light Blue
TW-15640402	6mm	4 in-lbs [0.45 N.m]	Black	Orange
TW-15640403	6mm	4 in-lbs [0.45 N.m]	Golden	Black
TW-15640404	6mm	4 in-lbs [0.45 N.m]	Red	Golden
TW-15640405	6mm	4 in-lbs [0.45 N.m]	Light Blue	Deep Blue
TW-15640406	6mm	4 in-lbs [0.45 N.m]	Orange	Black

* Other color combination is available.

VIII. Tools & RF Accessories



Features

- Full Support 5G sub-6 GHz band
- Low Loss
- High Isolation
- Excellent Return Loss
- Flat Passband
- Precision Connector
- Rugged Aluminum Alloy Housing
- High RFI Shielding
- Compact Size

Item	PI5-611101
Impedance	50 Ohm
Frequency Range	30 ~ 6000 MHz
Insertion Loss	0.5 dB(typ)
Return Loss	20 dB(typ)
Current Pass (DC)	1 A(max)
DC Block	50 VDC(max)
Dimensions	15.9(H) x 44(W) x 52.3(D) mm
Net Weight	34.5 g

* Specifications may be change depending on the model or customer's requirement.

Model	RF Connector 2	Power In Connector	RF Connector 1
PI5-611101	SMA-female	SMA-female	SMA-female
PI5-611102	SMA-female	Pin	SMA-female

* Power path: Power In Connector to RF Connector 2



Features

- Wideband, up to 18 GHz
- Low Insertion Loss
- Excellent Return Loss
- High Isolation
- Long Operating Life

Item	SW1-S18L12-T1	SW1-S18F18-X0
Impedance		50 Ohm
Frequency Range		DC - 18 GHz
Insertion Loss	0.4dB (max)	0.4dB (max)
Return Loss	20dB (typ)	20dB (typ)
Isolation	70dB (typ)	70dB (typ)
Open Terminal	50 Ohm terminated	Unterminated
Control Voltage	12V DC + TTL	18V DC
Switching Speed		15ms (max)
Switch Life		1 million cycles (min)
Dimensions	14.2(H) x 57.2(W) x 54.1(D) mm	15.2(H) x 39.2(W) x 52.3(D) mm
Net Weight (approx)	74 g	47 g

* Specifications may be change depending on the model or customer's requirement.

Model	Switch Config.	Connectors	Frequency Range
SW1-S18L12-T1	1P2T (terminated)	SMA female	DC - 18 GHz
SW1-S18F18-X0	1P2T (unterminated)	SMA female	DC - 18 GHz

VIII. Tools & RF Accessories \DC Block



Features

- Compact Size
- Low Insertion Loss
- Excellent Return Loss
- Passivated Stainless Steel Housing
- Precision Connector Thread
- Excellent Mechanical Structure
- Exquisite Plating Quality
- Good Weather Resistance

Item	DB5 - 401101-2W
Impedance	50 Ohm
Frequency Range	10 MHz - 40 GHz
Block Type	Inner
Insertion Loss (40 GHz)	1.0 dB(typ)
Return Loss (40 GHz)	20 dB(typ)
Maximun Input Power	2 W(avg.)
Voltage Withstanding	DC 50 V(max)
Connector	2.92mm type
Dimensions	8.0(φ) x 29 mm
Net Weight	7.5 g

* Specifications may be change depending on the model or customer's requireme

Model	Pass Band	DC Withstanding	Power Rating
DB5 - 401101-2W	10 MHz - 40 GHz	50 V	2 W
DB5 - 402101-2W	10 MHz - 40 GHz	100 V	2 W



Features

- Compact Size
- Low Insertion Loss
- Excellent Return Loss
- Brass Tube Housing
- Precision Connector Thread
- Excellent Mechanical Structure
- Exquisite Plating Quality
- Good Weather Resistance

Item	DB7 - 184101-2W
Impedance	50 Ohm
Frequency Range	30 MHz - 18 GHz
Block Type	Inner
Insertion Loss (30 MHz - 16 GHz)	0.25 dB(typ)
Insertion Loss (< 18 GHz)	1.0 dB(typ)
Return Loss (30 MHz - 16 GHz)	20 dB(typ)
Return Loss (< 18 GHz)	16 dB(typ)
Withstand Power	2 W(avg.)
Voltage Withstanding	DC 200 V(max)
Connector	Male & Female "SMA" type
Dimensions	9.5(φ) x 30.6 mm
Net Weight	9.5 g

* Specifications may be change depending on the model or customer's requirement.

Model	Pass Band	DC Withstanding	Power Rating
DB7 - 184101-2W	30 MHz - 18 GHz	200 V	2 W
DB7 - 182101-2W	30 MHz - 18 GHz	100 V	2 W

VIII. Tools & RF Accessories \DC Block



Features

- Mini Size
- Low Insertion Loss
- Excellent Return Loss
- Brass Tubes Hosing
- Precision Connector Thread
- Excellent Mechanical Structure
- Exquisite Plating Quality
- Good Weather Resistance

Item	PI5-611101
Impedance	50 Ohm
Frequency Range	30 ~ 6000 MHz
Insertion Loss	0.5 dB(typ)
Return Loss	20 dB(typ)
Current Pass (DC)	1 A(max)
DC Block	50 VDC(max)
Dimensions	15.9(H) x 44(W) x 52.3(D) mm
Net Weight	34.5 g

* Specifications may be change depending on the model or customer's requirement.

Model	RF Connector 2	Power In Connector	RF Connector 1
PI5-611101	SMA-female	SMA-female	SMA-female
PI5-611102	SMA-female	Pin	SMA-female

* Power path: Power In Connector to RF Connector 2



Features

- Up to 4 GHz
- Low Insertion Loss
- Excellent Return Loss
- Brass Tubes Hosing
- Precision Connector Thread
- Excellent Mechanical Structure
- Exquisite Plating Quality
- Good Weather Resistance

Item	DB3 - 45101
Impedance	75 ohm
Frequency Range	5 MHz - 4 GHz
Block Type	Inner
Insertion Loss (< 3 GHz)	0.4dB(max)
Insertion Loss (< 4 GHz)	0.8dB(max)
Return Loss (< 3 GHz)	20dB(min)
Return Loss (< 4 GHz)	16dB(min)
Voltage Withstanding	DC 250V(max)
Connector Type	Male & Female "F" type
Dimensions	15(φ) x 38mm
Net Weight	24.5g

* Specifications may be change depending on the model or customer's requirement.

Model	Pass Band	DC Withstanding
DB3 - 42101	5 MHz - 4 GHz	100 V
DB3 - 45101	5 MHz - 4 GHz	250 V
DB3 - 47101	5 MHz - 4 GHz	1000 V

VIII. Tools & RF Accessories \DC Block



Features

- Up to 3 GHz
- Low Insertion Loss
- Excellent Return Loss
- Brass Tubes Hosing
- Precision Connector Thread
- Excellent Mechanical Structure
- Exquisite Plating Quality
- Good Weather Resistance

Item	DB3 - 35101
Impedance	75 ohm
Frequency Range	5 - 3000MHz
Block Type	Inner
Insertion Loss (5-3000MHz)	0.4dB(max)
Return Loss (5-3000MHz)	30dB(typ) / 20dB(min)
Voltage Withstanding	DC 250V(max)
Connector Type	Male & Female "F" type
Dimensions	15(φ) x 38mm
Net Weight	24.5g

* Specifications may be change depending on the model or customer's requirement.

Model	Pass Band	DC Withstanding
DB3 - 32101	5 - 3000 MHz	100 V
DB3 - 35101	5 - 3000 MHz	250 V
DB3 - 37101	5 - 3000 MHz	1000 V



Features

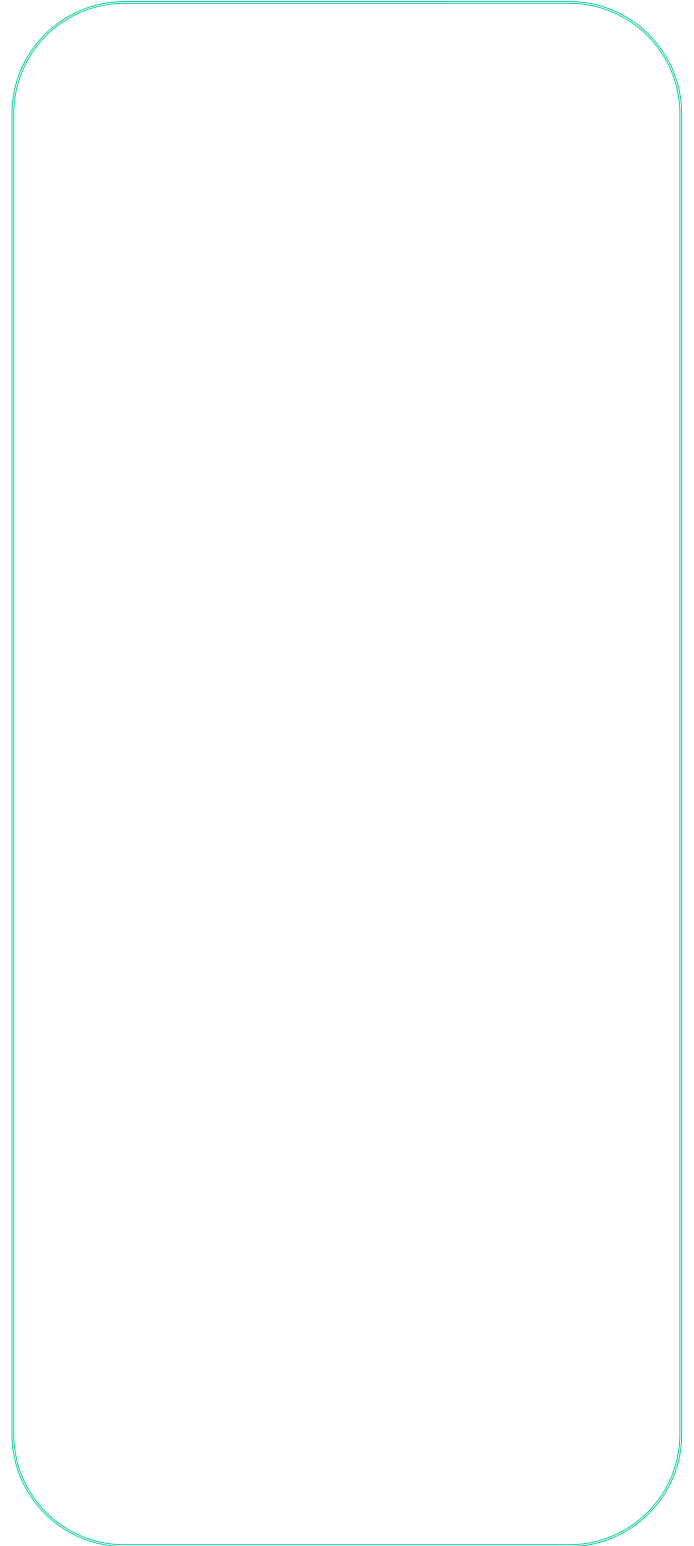
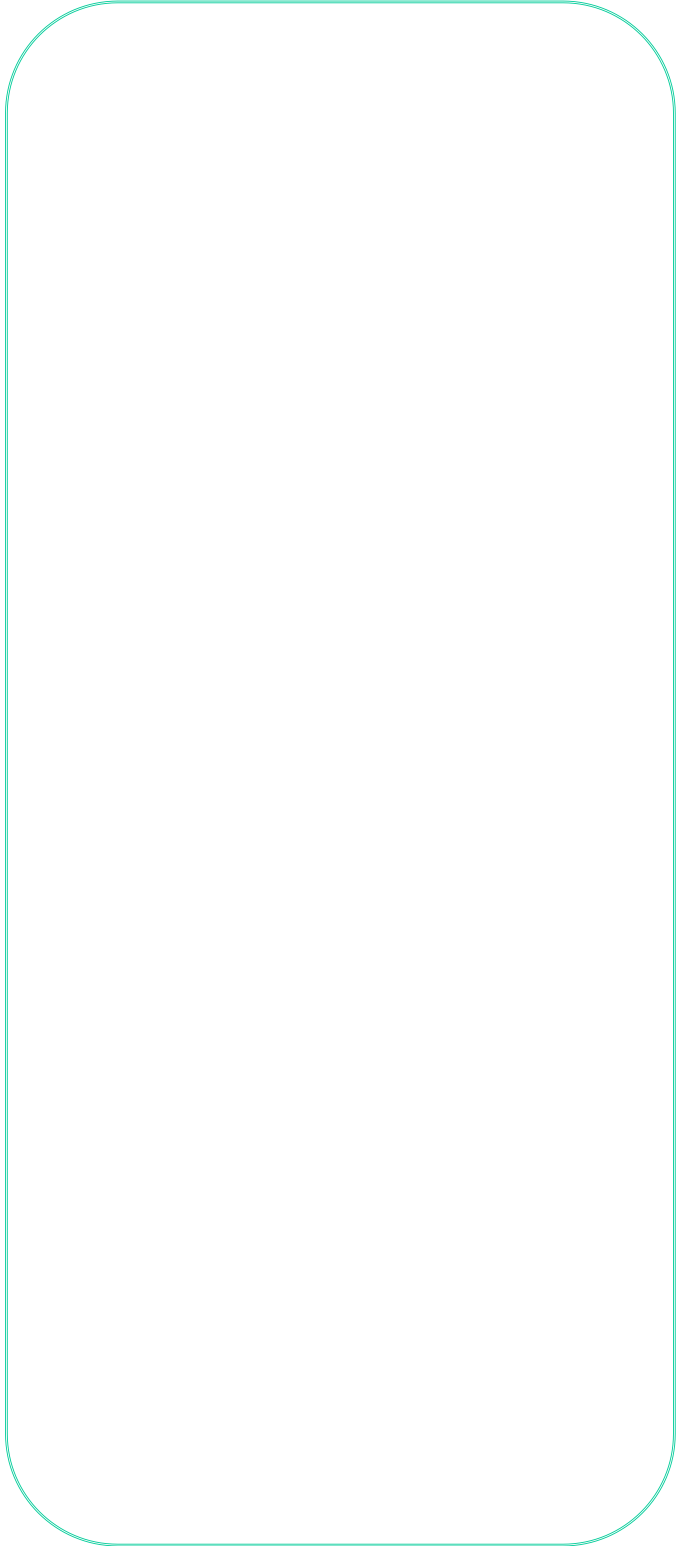
- Mini Size (12.5x30mm)
- Up to 2.6 GHz, 1 kV
- Low Insertion Loss
- Excellent Return Loss
- Brass Tubes Hosing
- Precision Connector Thread
- Excellent Mechanical Structure
- Exquisite Plating Quality
- Good Weather Resistance

Item	DB1 - 126W	DB1 - 126	DB1 - 110W	DB1 - 110
Waterproof	Yes	No	Yes	No
Frequency Range	5 - 2600MHz		5 - 1000MHz	
Impedance	75 ohm		75 ohm	
Insertion Loss	0.2dB (typ) / 1.2dB (max)		0.2dB (typ) / 0.8dB (max)	
Return Loss	20dB (typ) / 10dB (min)		20dB (typ) / 10dB (min)	
Voltage Withstanding	DC 100V (max)		DC 100V (max)	
Dimensions	12.5(φ) x 30 mm		12.5(φ) x 30 mm	
Net Weight	12g		12g	

* Specifications may be change depending on the model or customer's requirement.

Model	Pass Band	DC Withstanding	Waterproof
DB1 - 110	5 - 1000 MHz	100 V	NO
DB1 - 110W		100 V	YES
DB1 - 1010		1000 V	NO
DB1 - 1010W		1000 V	YES
DB1 - 126	5 - 2600 MHz	100 V	NO
DB1 - 126W		100 V	YES
DB1 - 1026		1000 V	NO
DB1 - 1026W		1000 V	YES

VIII. Tools & RF Accessories





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