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89901SA	170 ~ 260 GHz horn antenna	119
89901S	220 ~ 325 GHz horn antenna	119
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89905%	40 GHz ~ 60 GHz conical horn antenna	120
89905NA	50 GHz ~ 75 GHz conical horn antenna	120
89905N	60 GHz ~ 90 GHz conical horn antenna	120
89905P	75 GHz ~ 110 GHz conical horn antenna	120
89905QA	90 GHz ~ 140 GHz conical horn antenna	120
89905Q	110 GHz ~ 170 GHz conical horn antenna	120
89905R	140 GHz ~ 220 GHz conical horn antenna	120
89905SA	170 GHz ~ 260 GHz conical horn antenna	120
89905S	220 GHz ~ 325 GHz conical horn antenna	120
89905TA	260 GHz ~ 400 GHz conical horn antenna	120
89905T	325 GHz ~ 500 GHz conical horn antenna	120
89905UA	400 GHz ~ 600 GHz conical horn antenna	120
89905U	500 GHz ~ 750 GHz conical horn antenna	120
89905VA	600 GHz ~ 900 GHz conical horn antenna	120
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Microwave Assistant

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Coaxial Adapters

Serialized high-performance coaxial adapter ports are mainly 7mm, N-type, 3.5mm, 2.92mm, 2.4mm, 1.85mm and 1mm, etc. They can be applied to the conversion of interface between metering and testing equipment, and improves the flexibility of testing.

- Rich in variety and diverse in interface forms
- Wide frequency band and low standing wave ratio
- Good repeatability and low RF leakage



• Technical Indicators:

Model	Name	Adapter Type	Frequency Range	Standing Wave Ratio (Max)
71101	coaxial adapter	N(f)-N(f)	DC ~ 18GHz	1.083
71102	coaxial adapter	N(m)-N(m)	DC ~ 18GHz	1.083
71103	coaxial adapter	N(m)-7mm	DC ~ 18GHz	1.083
71104	coaxial adapter	N(f)-7mm	DC ~ 18GHz	1.083
81101	coaxial adapter	N(m)-N(f)	DC ~ 18GHz	1.083
81103	coaxial adapter	N75 Ω (m)-N50 Ω (f)	DC ~ 3GHz	1.25
81103A	coaxial adapter	N75 Ω (m)-N50 Ω (m)	DC ~ 3GHz	1.25
81103B	coaxial adapter	N75 Ω (f)-N50 Ω (m)	DC ~ 3GHz	1.25
81103C	coaxial adapter	N75 Ω (f)-N50 Ω (f)	DC ~ 3GHz	1.25
81104	coaxial adapter	7/16(f)-N(f)	DC ~ 7.5GHz	1.083
81104A	coaxial adapter	7/16(f)-N(m)	DC ~ 7.5GHz	1.083
81104B	coaxial adapter	7/16(m)-N(f)	DC ~ 7.5GHz	1.083
81104C	coaxial adapter	7/16(m)-N(m)	DC ~ 7.5GHz	1.083
71109	coaxial adapter	3.5mm(f)-3.5mm(f)	DC ~ 26.5GHz	1.106
71110	coaxial adapter	3.5mm(m)-3.5mm(m)	DC ~ 26.5GHz	1.106
71111	coaxial adapter	3.5mm(m)-3.5mm(f)	DC ~ 26.5GHz	1.106
71113	coaxial adapter	3.5mm(f)-7mm	DC ~ 18GHz	1.106
71114	coaxial adapter	3.5mm(m)-7mm	DC ~ 18GHz	1.106
71115	coaxial adapter	3.5mm(m)-N(f)	DC ~ 18GHz	1.083
71116	coaxial adapter	3.5mm(m)-N(m)	DC ~ 18GHz	1.083
71117	coaxial adapter	3.5mm(f)-N(m)	DC ~ 18GHz	1.083
71118	coaxial adapter	3.5mm(f)-N(f)	DC ~ 18GHz	1.083
71119	coaxial adapter	2.4mm(m)-2.4mm(m)	DC ~ 40GHz	1.12
71120	coaxial adapter	2.4mm(f)-2.4mm(f)	DC ~ 40GHz	1.12
71121	coaxial adapter	2.4mm(m)-2.4mm(f)	DC ~ 40GHz	1.12

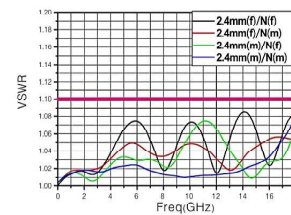
Continued

Model	Name	Adapter Type	Frequency Range	Standing Wave Ratio (Max)
71122	coaxial adapter	2.4mm(m)-3.5mm(m)	DC ~ 26.5GHz	1.15
71123	coaxial adapter	2.4mm(m)-3.5mm(f)	DC ~ 26.5GHz	1.15
71124	coaxial adapter	2.4mm(f)-3.5mm(m)	DC ~ 26.5GHz	1.15
71125	coaxial adapter	2.4mm(f)-3.5mm(f)	DC ~ 26.5GHz	1.15
81105	coaxial adapter	2.4mm(f)-7mm	DC ~ 18GHz	1.10
81105A	coaxial adapter	2.4mm(m)-7mm	DC ~ 18GHz	1.10
81106	coaxial adapter	2.4mm(f)-2.92mm(f)	DC ~ 40GHz	1.15
81106A	coaxial adapter	2.4mm(f)-2.92mm(m)	DC ~ 40GHz	1.15
81106B	coaxial adapter	2.4mm(m)-2.92mm(f)	DC ~ 40GHz	1.15
81106C	coaxial adapter	2.4mm(m)-2.92mm(m)	DC ~ 40GHz	1.15
81107	coaxial adapter	2.4mm(f)-N(f)	DC ~ 18GHz	1.10
81107A	coaxial adapter	2.4mm(f)-N(m)	DC ~ 18GHz	1.10
81107B	coaxial adapter	2.4mm(m)-N(f)	DC ~ 18GHz	1.10
81107C	coaxial adapter	2.4mm(m)-N(m)	DC ~ 18GHz	1.10
81108	coaxial adapter	2.92mm(f)-N(f)	DC ~ 18GHz	1.15
81108A	coaxial adapter	2.92mm(f)-N(m)	DC ~ 18GHz	1.15
81108B	coaxial adapter	2.92mm(m)-N(f)	DC ~ 18GHz	1.15
81108C	coaxial adapter	2.92mm(m)-N(m)	DC ~ 18GHz	1.15
81109	coaxial adapter	2.92mm(m)-7mm	DC ~ 18GHz	1.10
81109A	coaxial adapter	2.92mm(f)-7mm	DC ~ 18GHz	1.10
81110	coaxial adapter	2.92mm(m)-2.92mm(m)	DC ~ 40GHz	1.12
81111	coaxial adapter	2.92mm(m)-2.92mm(f)	DC ~ 40GHz	1.12
81112	coaxial adapter	2.92mm(f)-2.92mm(f)	DC ~ 40GHz	1.12
81113	coaxial adapter	3.5mm(f)-1.85mm(f)	DC ~ 26.5GHz	1.15
81113A	coaxial adapter	3.5mm(f)-1.85mm(m)	DC ~ 26.5GHz	1.15
81113B	coaxial adapter	3.5mm(m)-1.85mm(f)	DC ~ 26.5GHz	1.15
81113C	coaxial adapter	3.5mm(m)-1.85mm(m)	DC ~ 26.5GHz	1.15
81114	coaxial adapter	2.4mm(f)-1.85mm(f)	DC ~ 50GHz	1.15
81114A	coaxial adapter	2.4mm(f)-1.85mm(m)	DC ~ 50GHz	1.15
81114B	coaxial adapter	2.4mm(m)-1.85mm(f)	DC ~ 50GHz	1.15
81114C	coaxial adapter	2.4mm(m)-1.85mm(m)	DC ~ 50GHz	1.15
81115	coaxial adapter	2.92mm(f)-1.85mm(f)	DC ~ 40GHz	1.15
81115A	coaxial adapter	2.92mm(f)-1.85mm(m)	DC ~ 40GHz	1.15
81115B	coaxial adapter	2.92mm(m)-1.85mm(f)	DC ~ 40GHz	1.15
81115C	coaxial adapter	2.92mm(m)-1.85mm(m)	DC ~ 40GHz	1.15
81118	coaxial adapter	1.85mm(m)-1.85mm(m)	DC ~ 67GHz	1.25
81119	coaxial adapter	1.85mm(f)-1.85mm(f)	DC ~ 67GHz	1.25
81120	coaxial adapter	1.85mm(m)-1.85mm(f)	DC ~ 67GHz	1.25
87608B	coaxial adapter	1mm(f)-1mm(m)	DC ~ 110GHz	1.50
87608C	coaxial adapter	1mm(m)-1mm(m)	DC ~ 110GHz	1.50
87608D	coaxial adapter	1mm(f)-1mm(f)	DC ~ 110GHz	1.50

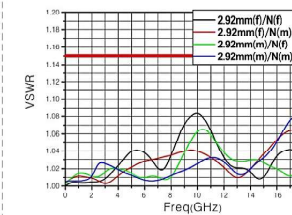
Model	Name	Adapter Type	Frequency Range	Standing Wave Ratio (Max)
87611LA	coaxial adapter	1mm(f)-1.85mm(m)	DC ~ 67GHz	1.30
87611LB	coaxial adapter	1mm(m)-1.85mm(f)	DC ~ 67GHz	1.30
87611LC	coaxial adapter	1mm(m)-1.85mm(m)	DC ~ 67GHz	1.30
87611LD	coaxial adapter	1mm(f)-1.85mm(f)	DC ~ 67GHz	1.30
87612HA	coaxial adapter	1mm(f)-2.4mm(m)	DC ~ 50GHz	1.22
87612HB	coaxial adapter	1mm(m)-2.4mm(f)	DC ~ 50GHz	1.22
87612HC	coaxial adapter	1mm(m)-2.4mm(m)	DC ~ 50GHz	1.22
87612HD	coaxial adapter	1mm(f)-2.4mm(f)	DC ~ 50GHz	1.22
81197	coaxial adapter	L16(f)-N(f)	DC ~ 18GHz	1.10
81197A	coaxial adapter	L16(f)-N(m)	DC ~ 18GHz	1.10
81197B	coaxial adapter	L16(m)-N(f)	DC ~ 18GHz	1.10
81197C	coaxial adapter	L16(m)-N(m)	DC ~ 18GHz	1.10
87602A	coaxial adapter	2.4mm(f)-SMPM(m)	DC ~ 50GHz	1.25
87602B	coaxial adapter	2.4mm(m)-SMPM(f)	DC ~ 50GHz	1.25
87602C	coaxial adapter	2.4mm(m)-SMPM(m)	DC ~ 50GHz	1.25
87602D	coaxial adapter	2.4mm(f)-SMPM(f)	DC ~ 50GHz	1.25
87603A	coaxial adapter	2.92mm(f)-SMP(m)	DC ~ 40GHz	1.2
87603B	coaxial adapter	2.92mm(m)-SMP(f)	DC ~ 40GHz	1.2
87603C	coaxial adapter	2.92mm(m)-SMP(m)	DC ~ 40GHz	1.2
87603D	coaxial adapter	2.92mm(f)-SMP(f)	DC ~ 40GHz	1.2
71124EC	coaxial adapter	NMD2.4mm(f)-NMD3.5mm(m)	DC ~ 26.5GHz	1.15
71125EC	coaxial adapter	NMD2.4mm(f)-3.5mm(f)	DC ~ 26.5GHz	1.15

Notes: F represents the Female, M represents the male head, the same below.

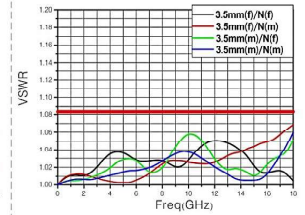
● Typical testing curve



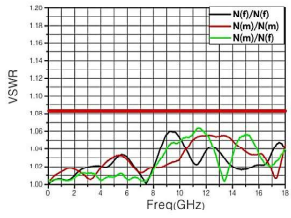
Standing-wave Ratio of 2.4mm/N-type Series Adapter Port (Typical Value)



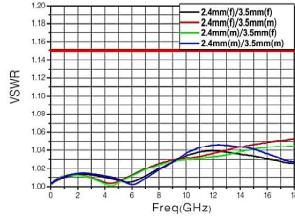
Standing-wave Ratio of 2.92mm/N-type Series Adapter Port (Typical Value)



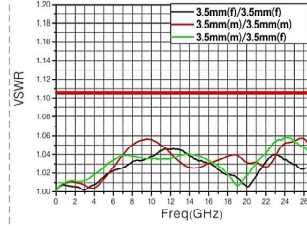
Standing-wave Ratio of 3.5mm/N-type Series Adapter Port (Typical Value)



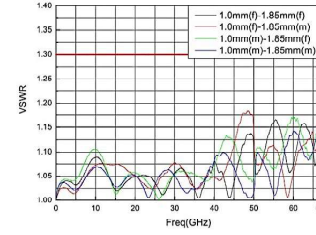
Standing-wave Ratio of N/N-type Series Adapter Port (Typical Value)



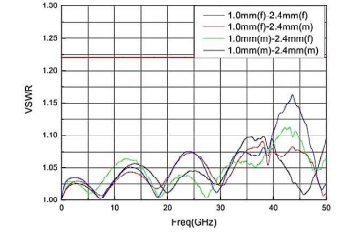
Standing-wave Ratio of 2.4mm/3.5mm Series Adapter Port (Typical Value)



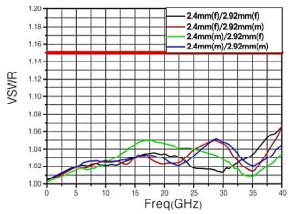
Standing-wave Ratio of 3.5mm/3.5mm Series Adapter Port (Typical Value)



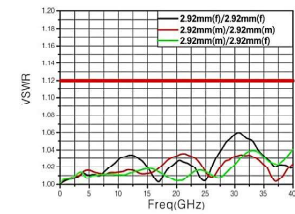
Standing-wave Ratio of 1.0mm/1.85mm Series Adapter Port (Typical Value)



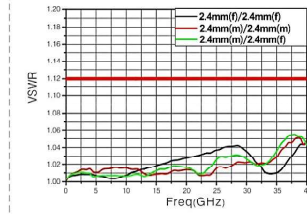
Standing-wave Ratio of 1.0mm/2.4mm Series Adapter Port (Typical Value)



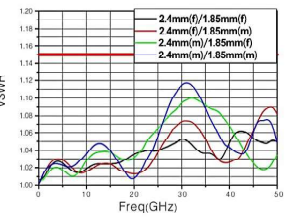
Standing-wave Ratio of 2.4mm/2.92mm Series Adapter Port (Typical Value)



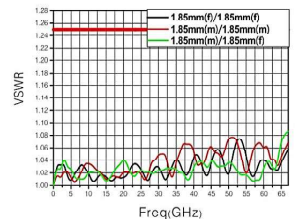
Standing-wave Ratio of 2.92mm/2.92mm Series Adapter Port (Typical Value)



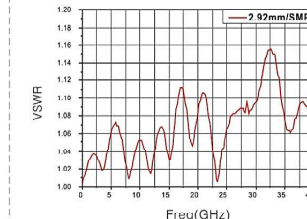
Standing-wave Ratio of 2.4mm/2.4mm Series Adapter Port (Typical Value)



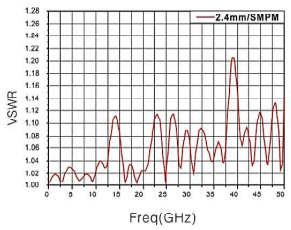
Standing-wave Ratio of 2.4mm/1.85mm Series Adapter Port (Typical Value)



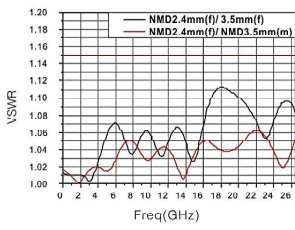
Standing-wave Ratio of 1.85mm/1.85mm Series Adapter Port (Typical Value)



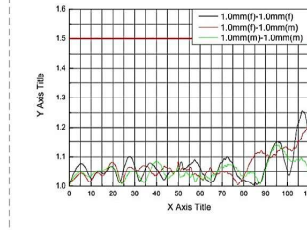
Standing-wave Ratio of 2.92mm/SMP Series Adapter Port (Typical Value)



Standing-wave Ratio of 2.4mm/SMPM Series Adapter Port (Typical Value)



Standing-wave Ratio of NMD2.4mm/3.5mm Series Adapter Port (Typical Value)

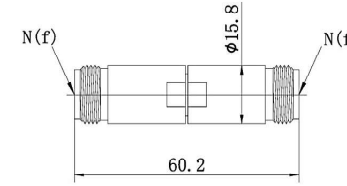


Standing-wave Ratio of 1.0mm/1.0mm Series Adapter Port (Typical Value)

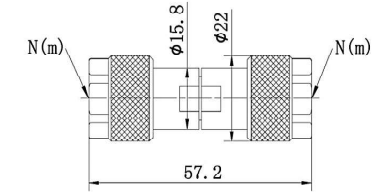
Technical Indicators:

• Dimensions

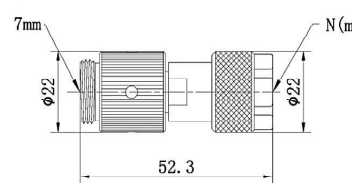
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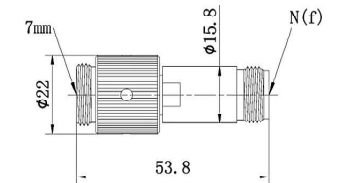
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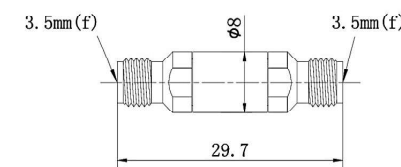
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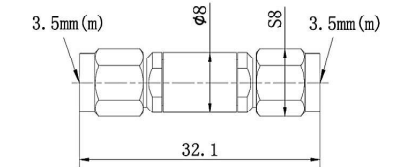
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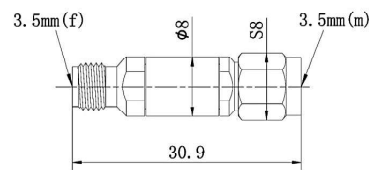
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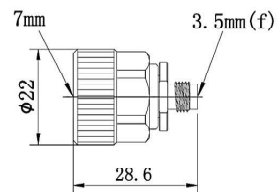
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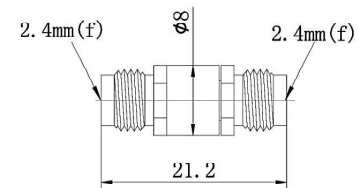
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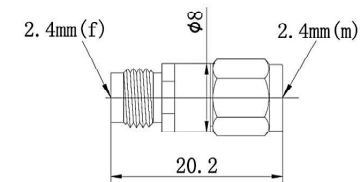
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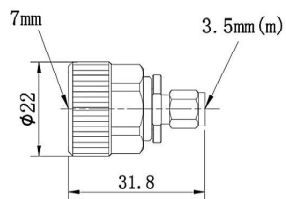
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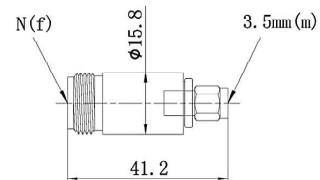
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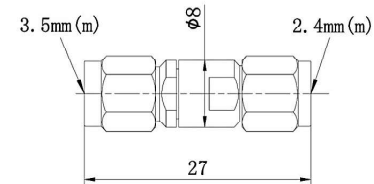
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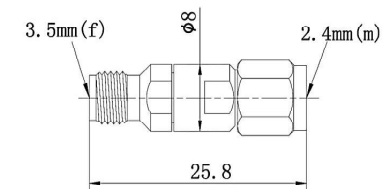
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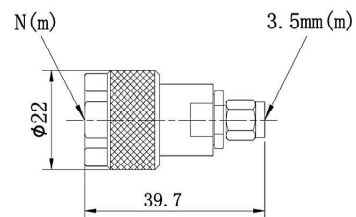
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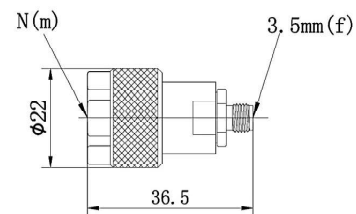
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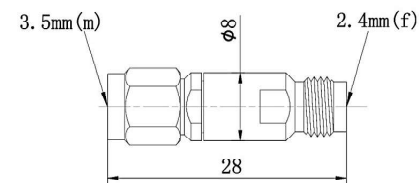
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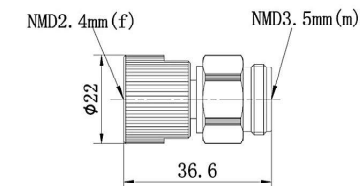
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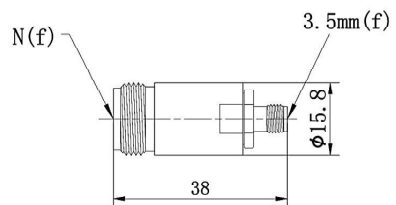
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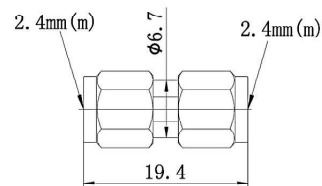
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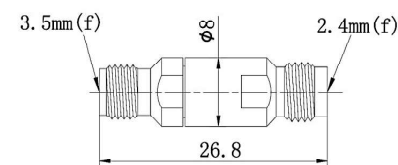
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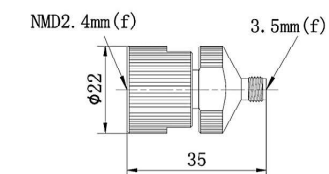
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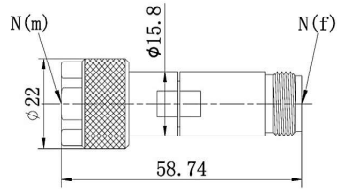
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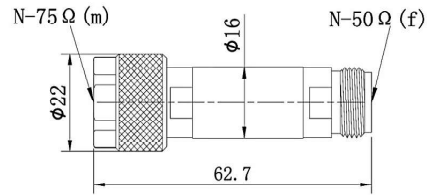
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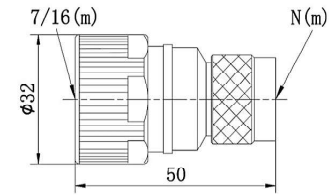
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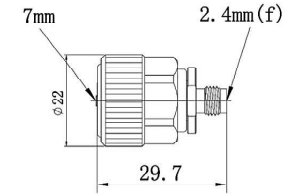
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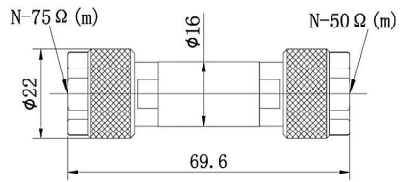
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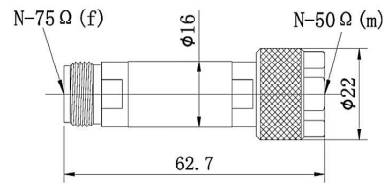
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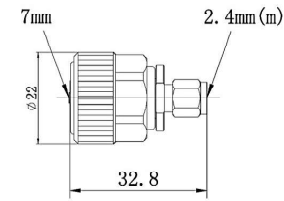
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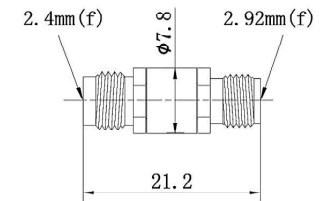
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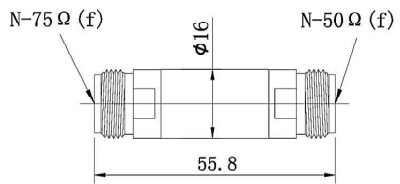
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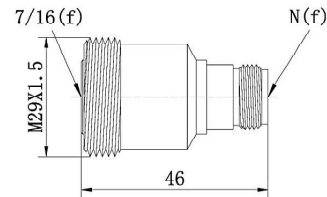
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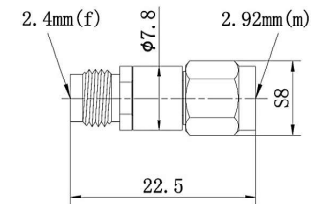
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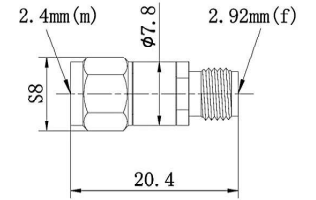
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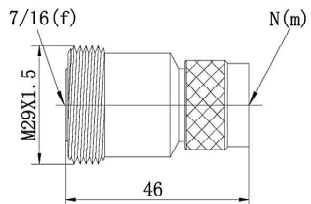
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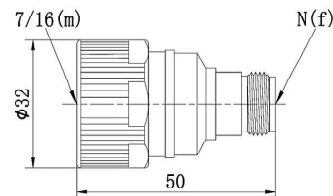
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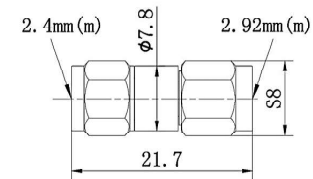
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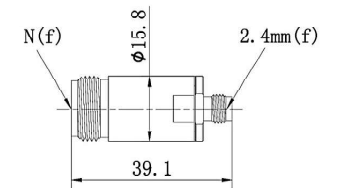
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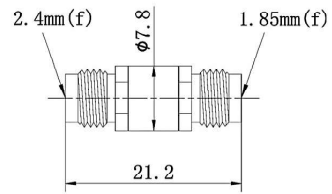
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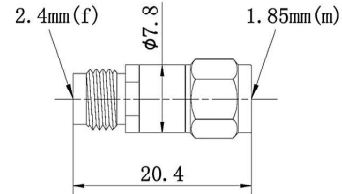
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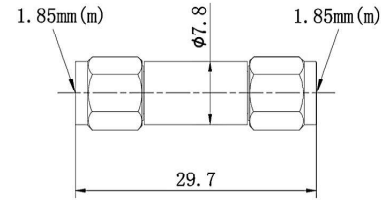
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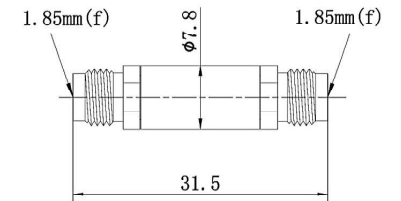
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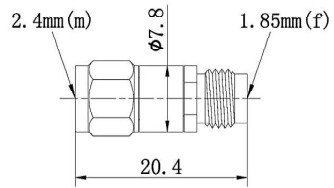
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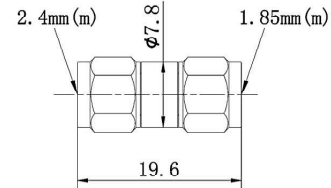
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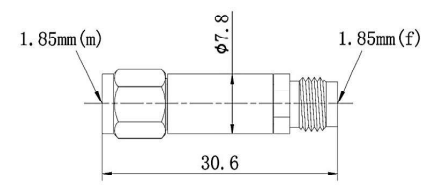
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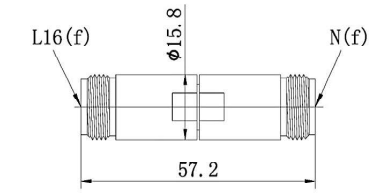
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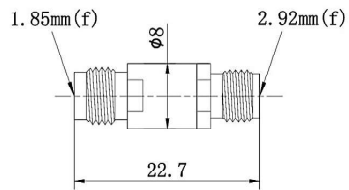
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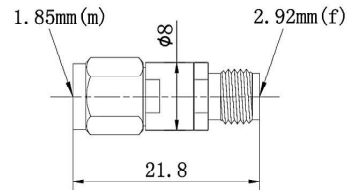
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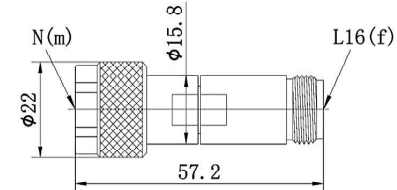
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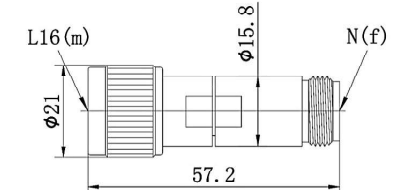
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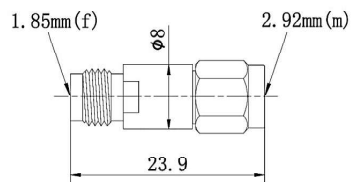
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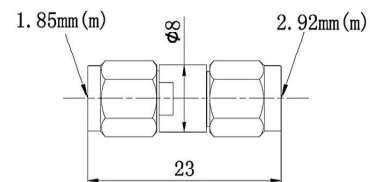
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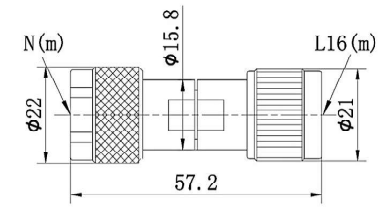
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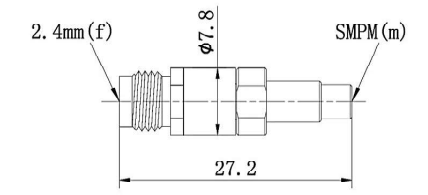
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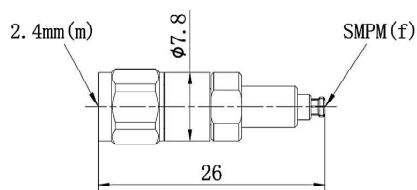
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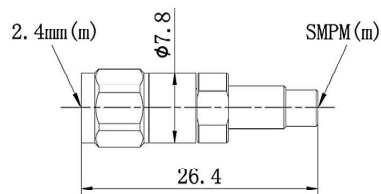
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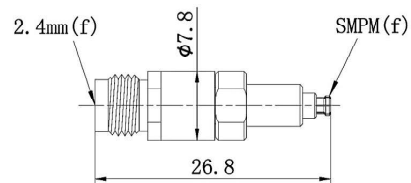
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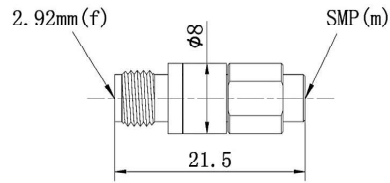
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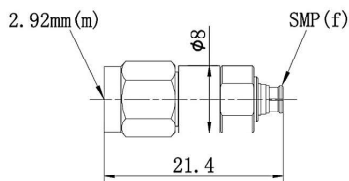
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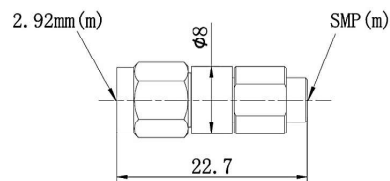
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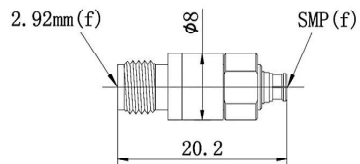
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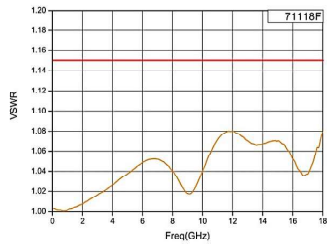


Test level coaxial adapter

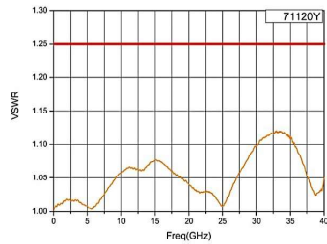
Model	Name	Adapter Type	Frequency Range	Standing Wave Ratio (Max)
71101ME	coaxial adapter	N(f)-N(f)	DC ~ 18GHz	1.15
71102ME	coaxial adapter	N(m)-N(m)		
81101ME	coaxial adapter	N(f)-N(m)		
71109ME	coaxial adapter	3.5mm(f)-3.5mm(f)	DC ~ 26.5GHz	1.12
71110ME	coaxial adapter	3.5mm(m)-3.5mm(m)		
71111ME	coaxial adapter	3.5mm(f)-3.5mm(m)		
71115ME	coaxial adapter	N(f)-3.5mm(m)	DC ~ 18GHz	1.15
71116ME	coaxial adapter	N(m)-3.5mm(m)		
71117ME	coaxial adapter	N(m)-3.5mm(f)		
71118ME	coaxial adapter	N(f)-3.5mm(f)	DC ~ 50GHz	1.22
71119ME	coaxial adapter	2.4mm(m)-2.4mm(m)		
71120ME	coaxial adapter	2.4mm(f)-2.4mm(f)		
71121ME	coaxial adapter	2.4mm(f)-2.4mm(m)	DC ~ 26.5GHz	1.15
71122ME	coaxial adapter	2.4mm(m)-3.5mm(m)		
71123ME	coaxial adapter	2.4mm(m)-3.5mm(f)		
71124ME	coaxial adapter	2.4mm(f)-3.5mm(m)	DC ~ 65GHz	1.30
71125ME	coaxial adapter	2.4mm(f)-3.5mm(f)		
81118ME	coaxial adapter	1.85mm(m)-1.85mm(m)		
81119ME	coaxial adapter	1.85mm(f)-1.85mm(f)	DC ~ 40GHz	1.17
81120ME	coaxial adapter	1.85mm(f)-1.85mm(m)		
81124ME	coaxial adapter	2.92mm(m)-2.92mm(m)		
81125ME	coaxial adapter	2.92mm(f)-2.92mm(f)	DC ~ 40GHz	1.17
81126ME	coaxial adapter	2.92mm(m)-2.92mm(f)		
81127ME	coaxial adapter	2.4mm(m)-2.92mm(m)		
81128ME	coaxial adapter	2.4mm(f)-2.92mm(f)	DC ~ 18GHz	1.15
81129ME	coaxial adapter	2.4mm(m)-2.92mm(f)		
81130ME	coaxial adapter	2.4mm(f)-2.92mm(m)		
81190ME	coaxial adapter	SMA(m)-SMA(m)	DC ~ 18GHz	1.15
81191ME	coaxial adapter	SMA(f)-SMA(f)		
81192ME	coaxial adapter	SMA(f)-SMA(m)		
81193ME	coaxial adapter	N(m)-SMA(m)	DC ~ 18GHz	1.15
81194ME	coaxial adapter	N(f)-SMA(f)		
81195ME	coaxial adapter	N(m)-SMA(f)		
81196ME	coaxial adapter	N(f)-SMA(m)		

Notes: All dimensions are in millimeter.

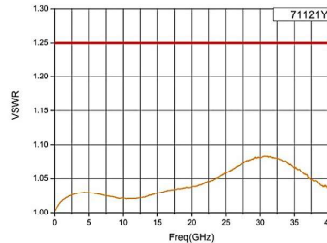
Product specifications and descriptions in this document are subject to change without notice.



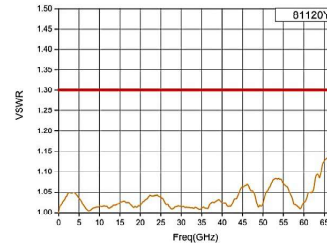
Standing-wave Ratio Test Curve of N-3.5mm KFK Panel Adapter



Standing-wave Ratio Test Curve of 2.4mm KYK Panel Adapter



Standing-wave Ratio Test Curve of 2.4mm-JK Panel Adapter



Standing-wave Ratio Test Curve of 1.85mm Panel Adapter



Waveguide Coaxial Adapter

- Rich in specifications and varieties
- Low standing-wave ratio
- They can be applied to the conversion of interface between metering and testing equipment, and improves the flexibility of testing.



Specifications

Model	Name	Frequency Range (GHz)	Standing Wave Ratio (Max)	Waveguide Model	Model of waveguide flange	Coaxial adapter Form
71130	Waveguide coaxial adaptor	2.6~3.95	1.15	WR284	FDP32	APC-7
71130A	Waveguide coaxial adaptor	2.6~3.95	1.15	WR284	FDP32	N(f)
71130B	Waveguide coaxial adaptor	2.6~3.95	1.15	WR284	FDP32	N(m)
71131	Waveguide coaxial adaptor	3.94~6	1.15	WR187	FDP48	APC-7
71131A	Waveguide coaxial adaptor	3.94~6	1.15	WR187	FDP48	N(f)
71131B	Waveguide coaxial adaptor	3.94~6	1.15	WR187	FDP48	N(m)
71132	Waveguide coaxial adaptor	4.64~7.05	1.15	WR159	FDP58	APC-7
71132A	Waveguide coaxial adaptor	4.64~7.05	1.15	WR159	FDP58	N(f)
71132B	Waveguide coaxial adaptor	4.64~7.05	1.15	WR159	FDP58	N(m)
71133	Waveguide coaxial adaptor	5.88~8.17	1.15	WR137	FDP70	APC-7
71133A	Waveguide coaxial adaptor	5.88~8.17	1.15	WR137	FDP70	N(f)
71133B	Waveguide coaxial adaptor	5.88~8.17	1.15	WR137	FDP70	N(m)
71134	Waveguide coaxial adaptor	7~10	1.20	WR112	FBP84	APC-7
71134A	Waveguide coaxial adaptor	7~10	1.20	WR112	FBP84	N(f)
71134B	Waveguide coaxial adaptor	7~10	1.20	WR112	FBP84	N(m)
71135	Waveguide coaxial adaptor	8~12.4	1.20	WR90	FBP100	APC-7
71135A	Waveguide coaxial adaptor	8~12.4	1.20	WR90	FBP100	N(f)
71135B	Waveguide coaxial adaptor	8~12.4	1.20	WR90	FBP100	N(m)
71136	Waveguide coaxial adaptor	10~15	1.20	WR75	FBP120	APC-7
71136A	Waveguide coaxial adaptor	10~15	1.20	WR75	FBP120	N(f)
71136B	Waveguide coaxial adaptor	10~15	1.20	WR75	FBP120	N(m)
71137	Waveguide coaxial adaptor	12~18	1.20	WR62	FBP140	APC-7
71137A	Waveguide coaxial adaptor	12~18	1.20	WR62	FBP140	N(f)
71137B	Waveguide coaxial adaptor	12~18	1.20	WR62	FBP140	N(m)
71138	Waveguide coaxial adaptor	18~26.5	1.20	WR42	FBP220	3.5 mm (f)