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RF Connector Frequency Range

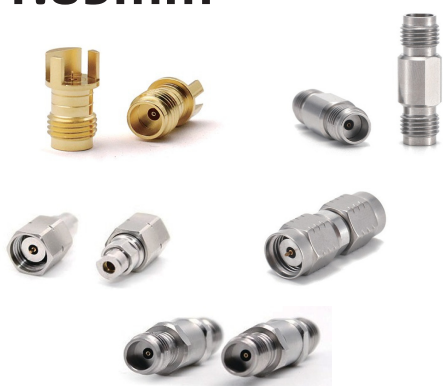
Type	Frequency Range											
	4GHz	6GHz	7.5GHz	12GHz	18GHz	26.5GHz	27GHz	30GHz	40GHz	50GHz	65GHz	110GHz
1.0mm	110GHz											
1.85mm	65GHz											
SSMP	65GHz											
2.4mm	50GHz											
2.92mm	40GHz											
SMP	40GHz											
3.5mm	30GHz											
SSMA	30GHz											
SMA	27GHz											
ISMA	27GHz											
TNC	11GHz											
TNCA	18GHz											
BMA	18GHz											
TYPE N	18GHz											
4.3-10	12GHz											
7/16	7.5GHz											
MCX	6GHz											
MMCX	6GHz											
BNC	4GHz											
SMB	4GHz											
SSMB	2GHz											

1.0mm



Frequency range	DC-110GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50Ω
VSWR	≤ 1.50
Contact resistance	Center contact: $\leq 4.0\text{m}\Omega$ Outer contact: $\leq 1.0\text{m}\Omega$
Temperature range	-55°C to $+155^{\circ}\text{C}$

1.85mm



Frequency range	DC-65GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50Ω
VSWR	≤ 1.40 Center contact: \leq
Contact resistance	$4.0\text{m}\Omega$ Outer contact: $\leq 2.5\text{m}\Omega$
Temperature range	-55°C to $+155^{\circ}\text{C}$

2.4mm



Frequency range	DC-50GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 4.0\text{m}\Omega$ Outer contact: $\leq 2.5\text{m}\Omega$
Temperature range	-55°C to $+155^{\circ}\text{C}$

2.92mm



Frequency range	DC-40GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50Ω
VSWR	≤ 1.25
Contact resistance	Center contact: $\leq 3.0\text{m}\Omega$ Outer contact: $\leq 2.0\text{m}\Omega$
Temperature range	-55°C to $+155^{\circ}\text{C}$

3.5mm



Frequency range	DC-30GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50Ω
VSWR	≤ 1.25
Contact resistance	Center contact: $\leq 3.0\text{m}\Omega$ Outer contact: $\leq 2.0\text{m}\Omega$
Temperature range	-55°C to $+155^{\circ}\text{C}$

BMA



Frequency range	DC-18GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 3.0\text{m}\Omega$ Outer contact: $\leq 2.0\text{m}\Omega$
Temperature range	-55°C to $+155^{\circ}\text{C}$

SSMA



Frequency range	DC-30GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50 Ω
VSWR	≤ 1.3
Contact resistance	Center contact: $\leq 3.0\text{m}\Omega$ Outer contact: $\leq 2.0\text{m}\Omega$
Temperature range	-55°C to +155°C

SMA/ISMA



Frequency range	DC-27GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50 Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 3.0\text{m}\Omega$ Outer contact: $\leq 2.0\text{m}\Omega$
Temperature range	-55°C to +155°C

TNC/TNCA



Frequency range	DC-11GHz/18GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50 Ω /75 Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 3.0\text{m}\Omega$ Outer contact: $\leq 2.0\text{m}\Omega$
Temperature range	-55°C to +155°C

BNC/BNCA



Frequency range	DC-4GHz/18GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50 Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 1.5\text{m}\Omega$ Outer contact: $\leq 0.2\text{m}\Omega$
Temperature range	-55°C to +155°C

TRB



Frequency range	DC-300Mhz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50 Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 2.0\text{m}\Omega$ Outer contact: $\leq 1.5\text{m}\Omega$
Temperature range	-55°C to +155°C

TYPE N



Frequency range	DC-11GHz/18GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50 Ω
VSWR	≤ 1.30
Contact resistance	Centercontact: $\leq 1.5\text{m}\Omega$ Outer contact: $\leq 0.2\text{m}\Omega$
Temperature range	-55°C to +155°C

4.3-10



Frequency range	DC-12GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50 Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 3.0\text{m}\Omega$ Outer contact: $\leq 2.0\text{m}\Omega$
Temperature range	-55°C to +155°C

7/16



Frequency range	DC-7.5GHz
Insulation resistance	$\geq 10000\text{M}\Omega$
Impedance	50 Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 0.4\text{m}\Omega$ Outer contact: $\leq 1.5\text{m}\Omega$
Temperature range	-55°C to +155°C

UHF



Frequency range	DC-200MHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50 Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 1.5\text{m}\Omega$ Outer contact: $\leq 1.0\text{m}\Omega$
Temperature range	-55°C to +155°C

SMB



Frequency range	DC-4GHz
Insulation resistance	$\geq 1000\text{M}\Omega$
Impedance	50 Ω /75 Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 5.0\text{m}\Omega$ Outer contact: $\leq 2.5\text{m}\Omega$
Temperature range	-55°C to +155°C

SSMB



Frequency range	DC-3GHz
Insulation resistance	$\geq 1000\text{M}\Omega$
Impedance	50 Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 5.0\text{m}\Omega$ Outer contact: $\leq 2.5\text{m}\Omega$
Temperature range	-55°C to +155°C

TYPE F



Frequency range	DC-2GHz
Insulation resistance	$\geq 1000\text{M}\Omega$
Impedance	75 Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 10.0\text{m}\Omega$ Outer contact: $\leq 5.0\text{m}\Omega$
Temperature range	-55°C to +155°C

MCX



Frequency range	DC-6GHz
Insulation resistance	$\geq 1000\text{M}\Omega$
Impedance	50 Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 5.0\text{m}\Omega$ Outer contact: $\leq 2.5\text{m}\Omega$
Temperature range	-55°C to +155°C

MMCX



Frequency range	DC-6GHz
Insulation resistance	$\geq 1000\text{M}\Omega$
Impedance	50 Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 5.0\text{m}\Omega$ Outer contact: $\leq 2.5\text{m}\Omega$
Temperature range	-55°C to +155°C

SMMP/SSMP



Frequency range	DC-65GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50 Ω
VSWR	≤ 1.45
Contact resistance	Center contact: $\leq 6.0\text{m}\Omega$ Outer contact: $\leq 2.0\text{m}\Omega$
Temperature range	-55°C to +155°C

SMP



Frequency range	DC-40GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50Ω
VSWR	≤ 1.40
Contact resistance	Center contact: $\leq 6.0\text{m}\Omega$ Outer contact: $\leq 2.0\text{m}\Omega$
Temperature range	-55°C to $+155^{\circ}\text{C}$

MHV



Frequency range	DC-300MHz
Insulation resistance	$\geq 5\text{G}\Omega$
Impedance	50Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 2.0\text{m}\Omega$ Outer contact: $\leq 1.0\text{m}\Omega$
Temperature range	-55°C to $+155^{\circ}\text{C}$

SHV



Frequency range	DC-300MHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 2.0\text{m}\Omega$ Outer contact: $\leq 1.5\text{m}\Omega$
Temperature range	-55°C to $+155^{\circ}\text{C}$

SMC



Frequency range	DC-6GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 6.0\text{m}\Omega$ Outer contact: $\leq 1.0\text{m}\Omega$
Temperature range	-55°C to $+155^{\circ}\text{C}$

SBMA



Frequency range	DC-28GHz
Insulation resistance	$\geq 5\text{G}\Omega$
Impedance	50Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 3.0\text{m}\Omega$ Outer contact: $\leq 2.0\text{m}\Omega$
Temperature range	-55°C to $+125^{\circ}\text{C}$

ZLC



Frequency range	DC-6GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50Ω
VSWR	≤ 1.30
Contact resistance	Center contact: $\leq 2.0\text{m}\Omega$ Outer contact: $\leq 1.5\text{m}\Omega$
Temperature range	-55°C to $+155^{\circ}\text{C}$

Fixed Attenuator



Frequency range	DC-65GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50 Ω
VSWR	≤ 1.45 Center contact: \leq
Contact resistance	3.0m Ω Outer contact: $\leq 2.0\text{m}\Omega$
Temperature range	-55°C to +155°C

Adaptors



Frequency range	DC-110GHz
Insulation resistance	$\geq 5000\text{M}\Omega$
Impedance	50 Ω
VSWR	≤ 1.45
Contact resistance	Central contact: $\leq 3.0\text{m}\Omega$ Outer contact: $\leq 2.0\text{m}\Omega$
Temperature range	-55°C to +155°C

Coaxial Terminations



Frequency range	DC-110GHz
Insulation resistance	$\geq 1000\text{M}\Omega$
Impedance	50 Ω
VSWR	≤ 1.45 Central contact:
Contact resistance	$\leq 3.0\text{m}\Omega$ Outer contact: $\leq 2.0\text{m}\Omega$
Temperature range	-55°C to +155°C



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Our main products including Millimeter WaveConnector (1.0mm, 1.85mm, 2.4mm, 2.92mm, 3.5mm); RF Coaxial Connectors (N, SMA, SSMA, RPSMA, SMP(GPO), SMPM, BMA, SBMA, TNC, TNCA, RPTNC, BNC, MiniBNC, FME, MCX, MMCX, SHV, MHV, TRB, SAA(1.0/2.3), UHF, SMB, SSMB, L29(7/16), 4.3-10, 4.1-9, 5, L9(1.5/5.6), SMC, SMZ(Type43), C, SC, C2, HN etc), RF Coaxial Adapters, Coaxial Terminations, RF Cable Assemblies, Lightning Arrestor, Fixed Coaxial Attenuator , and so on.

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