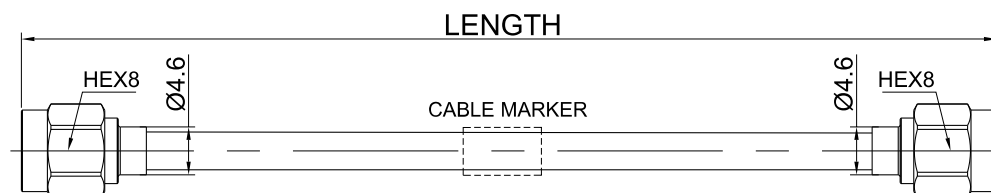


P/N: FR721-RPSMMRPSMM-XXX

Reverse Polarity SMA Male to Reverse Polarity SMA Male Cable Assembly | .141" Semi-flexible Cable without Jacket □ DC-18GHz



RPSMA FEMALE

RPSMA FEMALE

Dimensions are in mm



Connectors Configuration

	Connector 1	Connector 2
Connector Series	SMA	SMA
Connector Polarity	Reverse Polarity	Reverse Polarity
Connector Gender	Male	Male
Connector Impedance (Ohm)	50	50
Connector Body Style	Straight	Straight
Connector Body Material	Brass	Brass
Connector Body Plating	Gold	Gold

Cable Configuration

Cable Type	Semi-flexible
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Covered Steel (SCCS)
Dielectric Material	PTFE
Number of Shields	1
Shield Layer 1 Material	Tin-soaked, Tin Plated Copper (T)
Cable Diameter (mm)	3.6
Cable Color	Silver
Minimum Bend Radius (mm)	10
Capacitance (pF/m)	94
Velocity of Propagation	71%
Shielding Effectiveness	>100dB



Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss $\leq$ (dB)
100	± 3	DC-18GHz	1.3	0.59
200	± 3			0.79
300	± 5			0.99
400	± 5	DC-18GHz	1.3	1.19
500	± 5			1.38

Enviromental Specifications

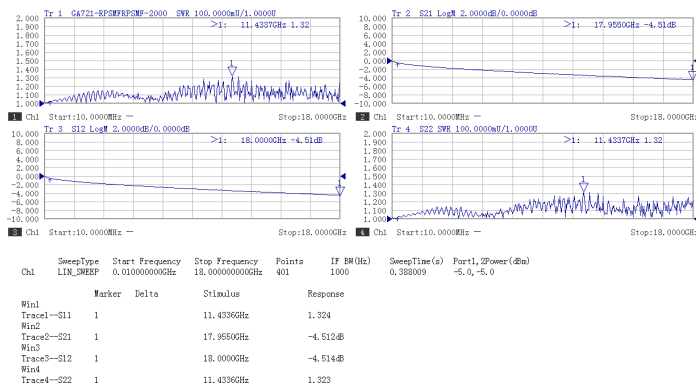
RoHS Compliant

Yes

Operating Temperature Range

-40°C to +125°C

Test Report for Cable assembly



*Note: Test Cable Assembly Length = 2000 mm

Revision History

Version	Description	Prepared By	Approved By	Date
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