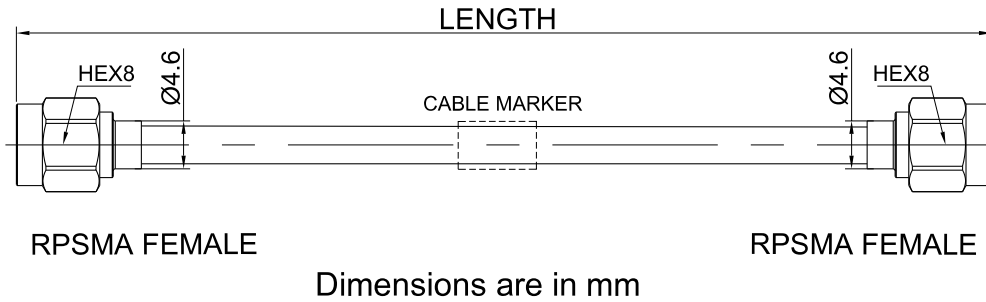


## P/N: FR721-RPSMFRPSMF-XXX

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



### Connectors Configuration

	Connector 1	Connector 2
Connector Series	SMA	SMA
Connector Polarity	Reverse Polarity	Reverse Polarity
Connector Gender	Female	Female
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 ≤ (dB)
100	±3	DC-18GHz	1.3	0.59
200	±3			0.79
300	±5			0.99
400	±5			1.19
500	±5	DC-18GHz		1.38

## Environmental Specifications

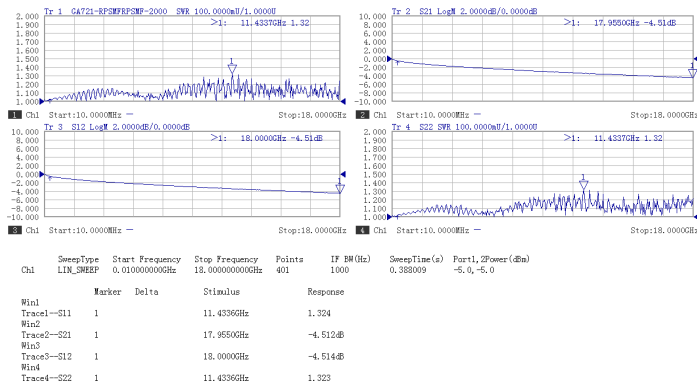
RoHS Compliant

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