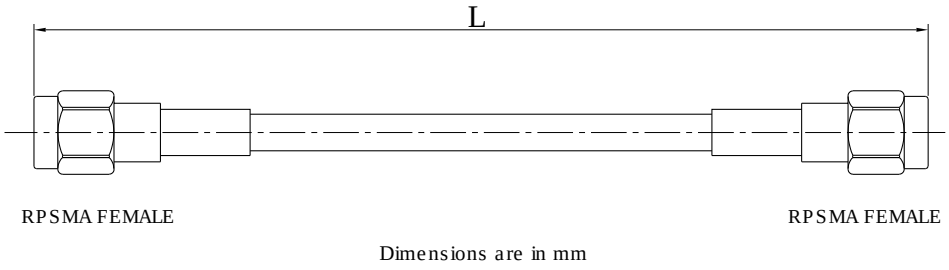
P/N: FRR1-RPSMMRPSMM-XXX

Reverse Polarity SMA Male to Reverse Polarity SMA Male Cable Assembly | RG142 Flexible Coax Cable | DC-6GHz



Dimensions are in mm

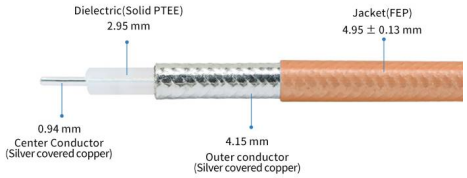


Connectors Configuration

	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	RG142
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver-Coated Copper Clad Steel
Dielectric Material	PTFE (Polytetrafluoroethylene)
Number of Shields	1
Shield Layer 1 Material	Silver Plated Copper Braided Shield
Jacket Material	FEP
Cable Diameter (mm)	4.95
Cable Color	Brown
Minimum Bend Radius (mm)	25
Capacitance (pF/m)	94
Velocity of Propagation	70
Shielding Effectiveness	<-80dB @1GHz



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Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
500	±5	DC-6GHz	1.35	0.9 dB
800	±5			1.30 dB
1000	±10			1.65 dB
1500	±15			2.40 dB
2000	±20			3.15 dB
3000	±30			4.65 dB

Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-55 ºC to +125 ºC

Revision History

Version	Description	Prepared By	Approved By	Date