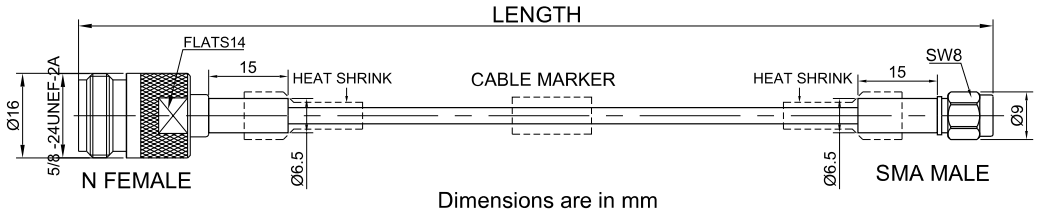
Flexi RF
Reliable RF Components In Stock

Datasheet

P/N: FRR1P-NFSMM-XXX

N Female to SMA Male Cable Assembly | RG142-PVC Flexible Coax Cable | DC-6GHz



Dimensions are in mm

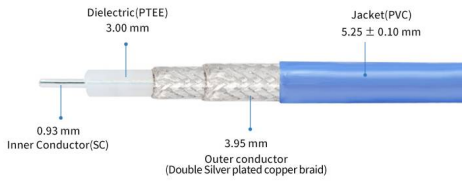


Connectors Configuration

	Connector 1	Connector 2
Connector Series	N	SMA
Connector Polarity	Standard	Standard
Connector Gender	Female	Male
Connector Impedance (Ohm)	50	50
Connector Body Style	Straight	Straight
Connector Body Material	Brass	Brass
Connector Body Plating	Nickel	Tri-Metal

Cable Configuration

Cable Type	RG142-PVC Flexible Cable
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper
Dielectric Material	PTFE
Shield Layer 1 Material	silver plated copper braid
Shield Layer 2 Material	silver plated copper braid
Jacket Material	PVC
Cable Diameter (mm)	5.25±0.1
Cable Color	Blue
Minimum Bend Radius (mm)	25
Capacitance (pF/m)	96.45
Velocity of Propagation	70%
Shielding Effectiveness	< -80dB @ 1GHz



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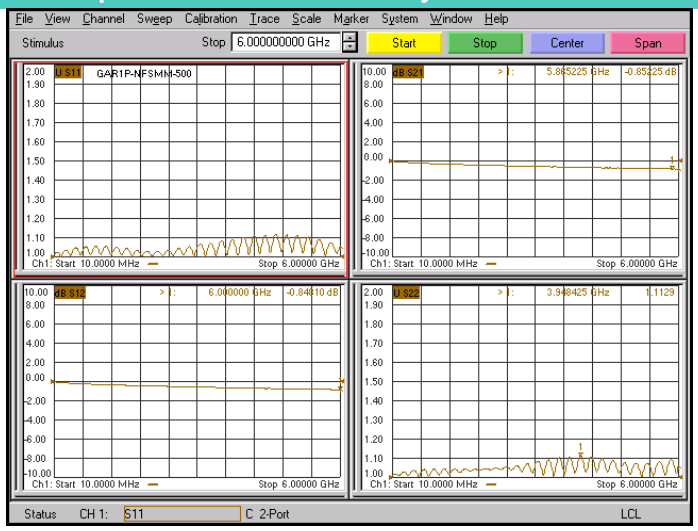
Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
1000	±10	DC - 6GHz	1.25	1.54
1500	±15			2.19
2000	±20			2.84
5000	±50			6.74

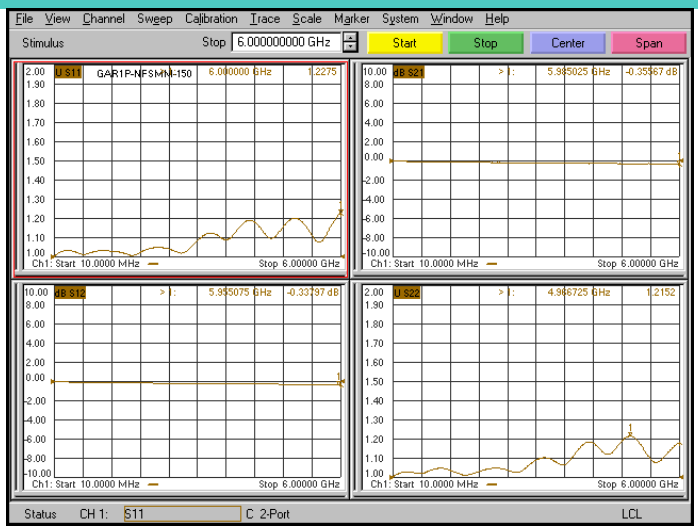
Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-20°C to +70°C

Test Report for Cable assembly



*Note:Test Cable Assembly Length = 500 mm



*Note:Test Cable Assembly Length = 150 mm

Revision History

Version	Description	Prepared By	Approved By	Date