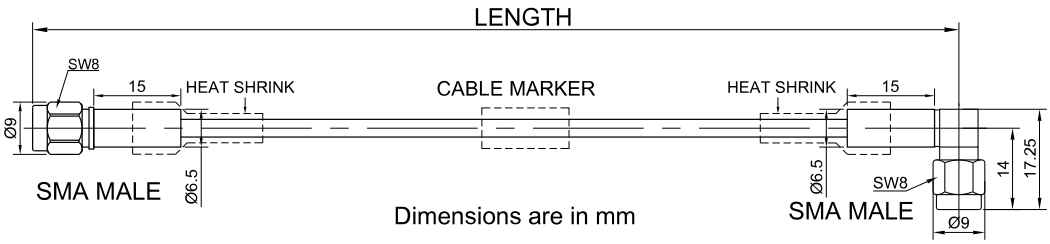
P/N: FRR1P-SMMSMWM-XXX

SMA Male to SMA Right Angle Male Cable Assembly | RG142-PVC Flexible Coax Cable | DC-6GHz



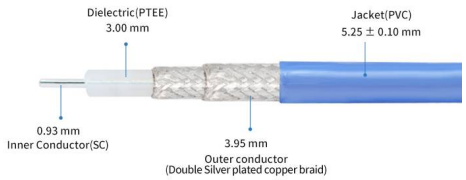


Connectors Configuration

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

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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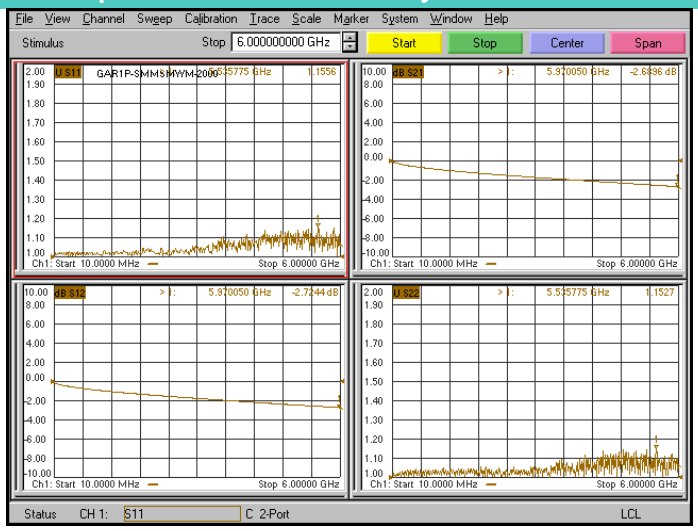
Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 6GHz	1.3	0.72
200	±3			0.85
500	±5			1.24
1000	±10			1.89
2000	±20			3.19
3000	±30			4.49

Enviromental Specifications

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

Test Report for Cable assembly



**Note:Test Cable Assembly Length = 2000 mm*

Revision History

Version	Description	Prepared By	Approved By	Date