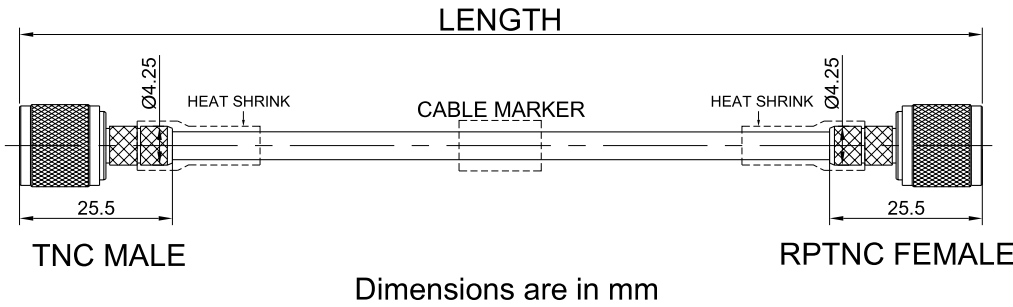


**P/N: GAR2-TNCF-XXX**

**TNC Male to TNC Female Reverse Polarity Cable Assembly | RG223 Flexible Coax Cable | DC - 6GHz**

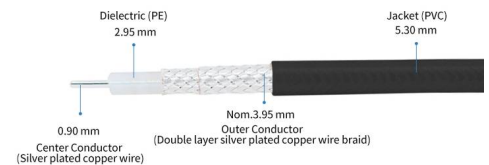


**Connectors Configuration**

	Connector 1	Connector 2
Connector Series	TNC	TNC
Connector Polarity	Standard	Reverse Polarity
Connector Gender	Male	Female
Connector Impedance (Ohm)	50	50
Connector Mount Method		None
Connector Body Style	Straight	Straight
Connector Body Material	Brass	Brass
Connector Body Plating	Nickel	Nickel

**Cable Configuration**

Cable Type	RG223
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Wire
Dielectric Material	Solide PE
Number of Shields	2
Shield Layer 1 Material	Silver Plated Copper Braid
Shield Layer 2 Material	Silver Plated Copper Braid
Jacket Material	PVC, Black
Cable Diameter (mm)	5.4
Cable Color	Black
Minimum Bend Radius (mm)	25
Capacitance (pF/m)	101.05
Velocity of Propagation	66
Shielding Effectiveness	<-80dB @ 1GHz



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**TNC Male to TNC Female Reverse Polarity Cable Assembly | RG223 Flexible Coax Cable | DC - 6GHz**

**Electrical Data**

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
500	±5	DC - 6GHz	1.50 to 6GHz	1.05 to 6GHz
800	±10			1.55 to 6GHz
1000	±10			1.95 to 6GHz
1500	±15			2.85 to 6GHz
2000	±20			3.65 to 6GHz
3000	±30			5.55 to 6GHz
5000	±50			9.1 to 6GHz

**Environmental Specifications**

RoHS Compliant

Yes

Operating Temperature Range

-55 °C to +85 °C

MIL/STD

N/A