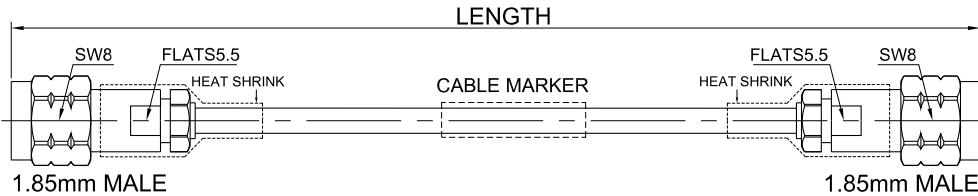


P/N: GA712-185M185M-XXX

**1.85mm Male to 1.85mm Male Cable Assembly | .086" Semi-Flexible Coax Cable with FEP Jacket | DC - 67GHz**



Dimensions are in mm

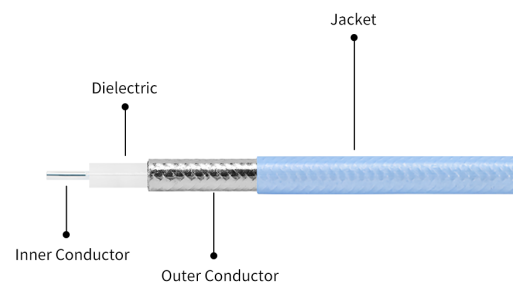


### Connectors Configuration

	Connector 1	Connector 2
Connector Series	1.85mm	1.85mm
Connector Polarity	Standard	Standard
Connector Gender	Male	Male
Connector Impedance (Ohm)	50	50
Connector Body Style	Straight	Straight
Connector Body Material	Stainless Steel	Stainless Steel
Connector Body Plating	Passivated	Passivated

### Cable Configuration

Cable Type	.086" Semi-Flexible cable
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Covered Steel (SCCS)
Dielectric Material	Solid extruded PTFE
Shield Layer 1 Material	Tin Plated Copper
Jacket Material	FEP
Cable Diameter (mm)	2.54
Cable Color	Blue
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	94
Velocity of Propagation	71%
Shielding Effectiveness	< -110dB @ 1GHz



P/N: GA712-185M185M-XXX

1.85mm Male to 1.85mm Male Cable Assembly | 086" Semi-Flexible Coax Cable with FEP Jacket | DC - 67GHz

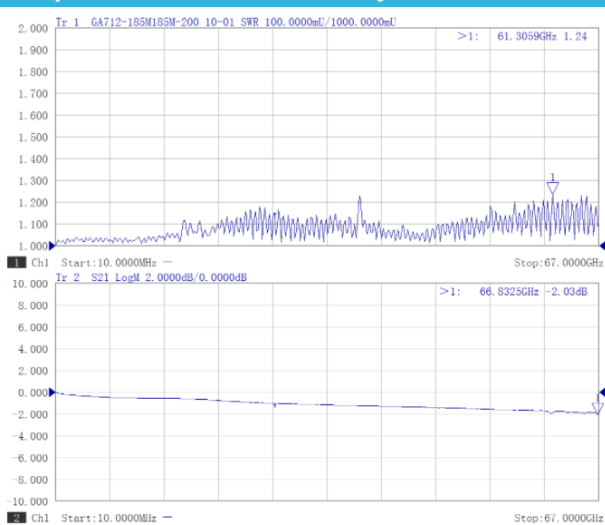
**Electrical Data**

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 67GHz	1.45	1.67
150	±3			2.1
200	±3			2.52
250	±3			2.95
300	±5			3.37
400	±5			4.22
500	±5			5.07

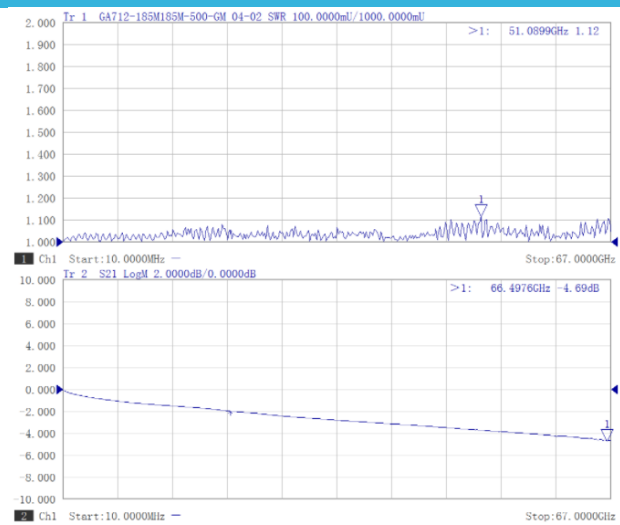
**Environmental Specifications**

RoHS Compliant  
Yes  
Operating Temperature Range  
-40°C to +125°C

**Test Report for Cable assembly**



\*Note: Test Cable Assembly Length = 200 mm



\*Note: Test Cable Assembly Length = 500 mm