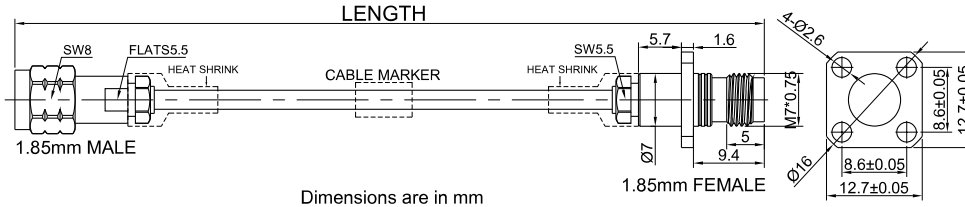


P/N: GAU2-185M185FF-XXX

**1.85mm Male to 1.85mm 4 Hole Flange Female Cable Assembly | 3506 Series Low Loss Phase Stable Flexible Coax Cable | DC - 67GHz**



**Connectors Configuration**

	Connector 1	Connector 2
Connector Series	1.85mm	1.85mm
Connector Polarity	Standard	Standard
Connector Gender	Male	Female
Connector Impedance (Ohm)	50	50
Connector Mount Method		4 Hole Flange
Connector Body Style	Straight	Straight
Connector Body Material	Stainless Steel	Stainless Steel
Connector Body Plating	Passivated	Passivated

**Cable Configuration**

Cable Type	GT3506 flexible cable
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Wire
Dielectric Material	LD-PTFE
Number of Shields	2
Shield Layer 1 Material	Silver Plated Copper Tape
Shield Layer 2 Material	Silver Plated Copper Braid
Jacket Material	FEP
Cable Diameter (mm)	2.2
Cable Color	Gray
Minimum Bend Radius (mm)	11
Capacitance (pF/m)	94
Velocity of Propagation	82%
Shielding Effectiveness	< -100dB @ 1GHz



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1.85mm Male to 1.85mm 4 Hole Flange Female Cable Assembly | 3506 Series Low Loss Phase Stable Flexible Coax Cable | 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	1.35	1.61
200	±3			1.90
300	±5			2.95
400	±5			2.85
500	±5			3.78
800	±10			5.80
1000	±10			6.59
1500	±15			9.4
2000	±20			12.21

**Environmental Specifications**

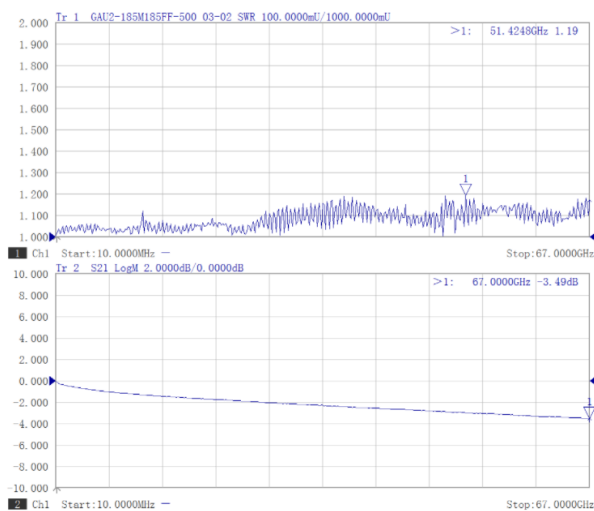
RoHS Compliant

Yes

Operating Temperature Range

-55 °C to +125 °C

**Test Report for Cable assembly**



\*Note: Test Cable Assembly Length = 500 mm