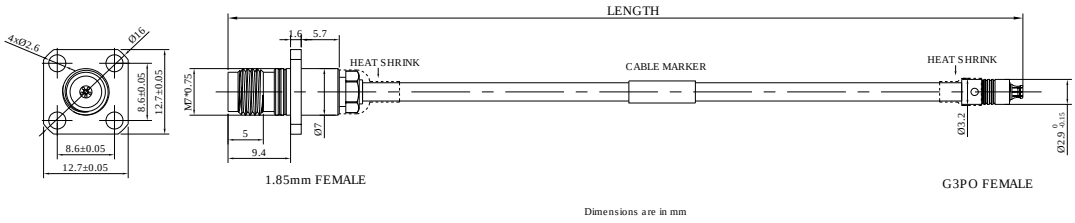
Datasheet

P/N: GAF71-185FFG3PF-XXX

1.85mm 4 Hole Flange Female to G3PO(SMPS) Female Cable Assembly | RG-405SS Flexible Coax Cable | DC - 67GHz



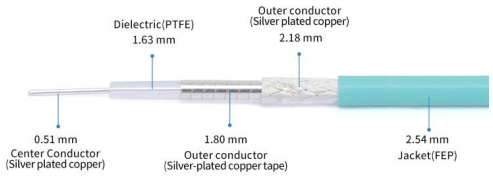


Connectors Configuration

	Connector 1	Connector 2
Connector Series	1.85mm	G3PO(SMPS)
Connector Polarity	Standard	Standard
Connector Gender	Female	Female
Connector Impedance (Ohm)	50	50
Connector Mount Method	4 Hole Flange	None
Connector Body Style	Straight	Straight
Connector Body Material	Stainless Steel	Beryllium Copper
Connector Body Plating	Passivated	Gold

Cable Configuration

Cable Type	RG-405SS
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Wire
Dielectric Material	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)	2.64
Cable Color	Turquoise
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	96.5
Velocity of Propagation	70%
Shielding Effectiveness	< -100dB @ 1GHz



Gwave Technology Inc

(888)251-2240

87 Patricia Ct, Mountain View, CA 94041

sales@gwavetech.com

www.gwavetech.com

P/N: GAF71-185FFG3PF-XXX

1.85mm 4 Hole Flange Female to G3PO(SMPS) Female Cable Assembly | RG-405SS Flexible Coax Cable | DC - 67GHz

Electrical Data

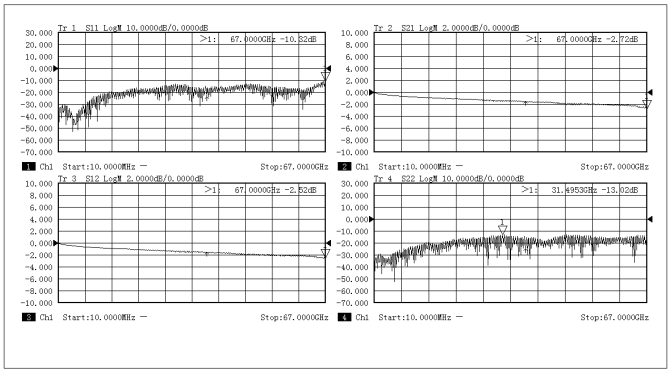
Electrical Specifications for Different Length

Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 67GHz	10dB to 67GHz	1.79 to 67GHz
200	±3			2.55 to 67GHz
300	±5			3.32 to 67GHz
500	±5			4.85 to 67GHz
800	±10			7.18 to 67GHz
1000	±10			8.65 to 67GHz
1500	±15			12.45 to 67GHz
2000	±20			16.20 to 67GHz

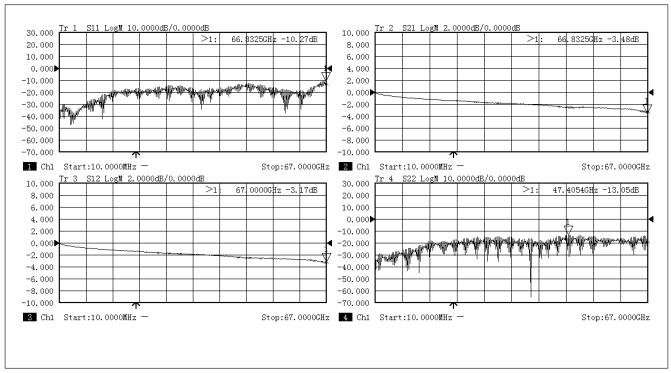
Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-45°C to +125°C

Test Report for Cable assembly



*Note:Test Cable Assembly Length = 200 mm



*Note:Test Cable Assembly Length = 300 mm

Gwave Technology Inc
(888)251-2240
87 Patricia Ct, Mountain View, CA 94041
sales@gwavetech.com
www.gwavetech.com