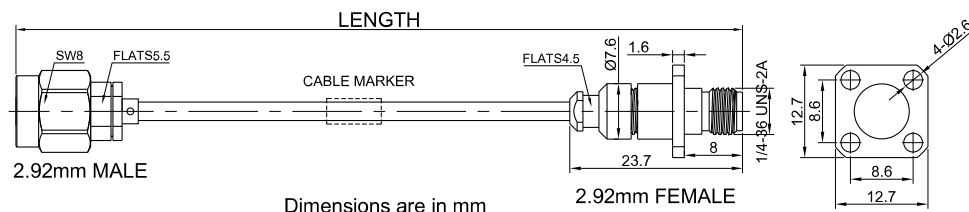


P/N: GA711-292M292FF-XXX

2.92mm Male to 2.92mm 4 Hole Flange Female Cable Assembly | .086" Semi-Flexible Coax Cable Without FEP Jacket | DC - 40GHz

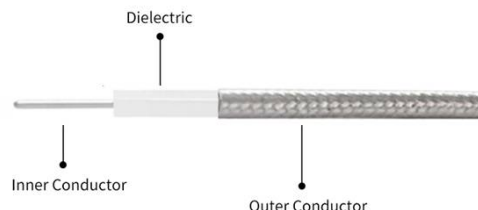


Connectors Configuration

	Connector 1	Connector 2
Connector Series	2.92mm	2.92mm
Connector Polarity	Standard	Standard
Connector Gender	Male	Female
Connector Impedance (Ohm)	50	50
Connector Mount Method	None	4 Hole Flange
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
Number of Shields	1
Shield Layer 1 Material	Tin Plated Copper
Cable Diameter (mm)	2.2
Cable Color	Silver
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	94
Velocity of Propagation	71%
Shielding Effectiveness	> -110dB @ 1GHz



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2.92mm Male to 2.92mm 4 Hole Flange Female Cable Assembly | .086" Semi-Flexible Coax Cable Without FEP Jacket | DC - 40GHz

Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 40GHz	1.35 to 40GHz	1.32 to 40GHz
150	±3			1.63 to 40GHz
200	±3			1.94 to 40GHz
250	±3			2.25 to 40GHz
300	±5			2.56 to 40GHz
400	±5			3.21 to 40GHz
500	±5			3.82 to 40GHz

Enviromental Specifications

RoHS Compliant

Yes

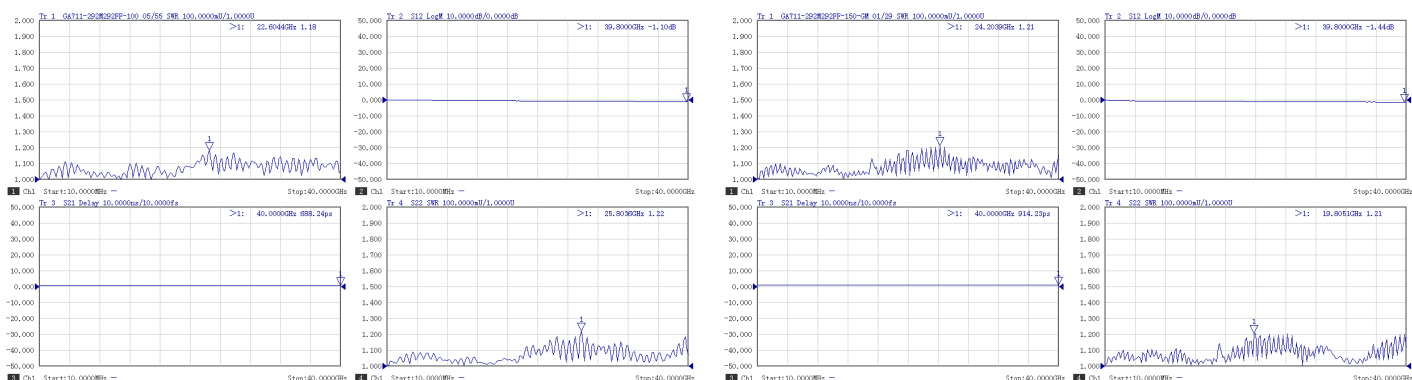
Operating Temperature Range

-55 °C to +165 °C

MIL/STD

N/A

Test Report for Cable assembly



*Note: Test Cable Assembly Length = 100 mm

*Note: Test Cable Assembly Length = 150 mm