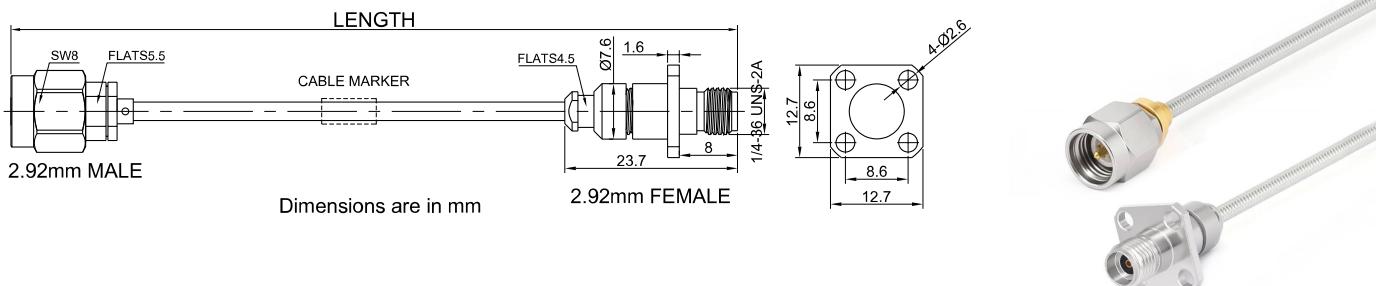


P/N: GA711-292M292FF-XXX

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

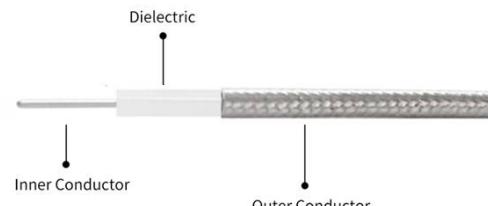


## Connectors Configuration

	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  
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## Electrical Data

### Electrical Specifications for Different Length

Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss $\leq$ (dB)
100	$\pm 3$	DC - 40GHz	$\leq 1.35$	1.32
150	$\pm 3$			1.63
200	$\pm 3$			1.94
250	$\pm 3$			2.25
300	$\pm 5$			2.56
400	$\pm 5$			3.21
500	$\pm 5$			3.82

## Environmental Specifications

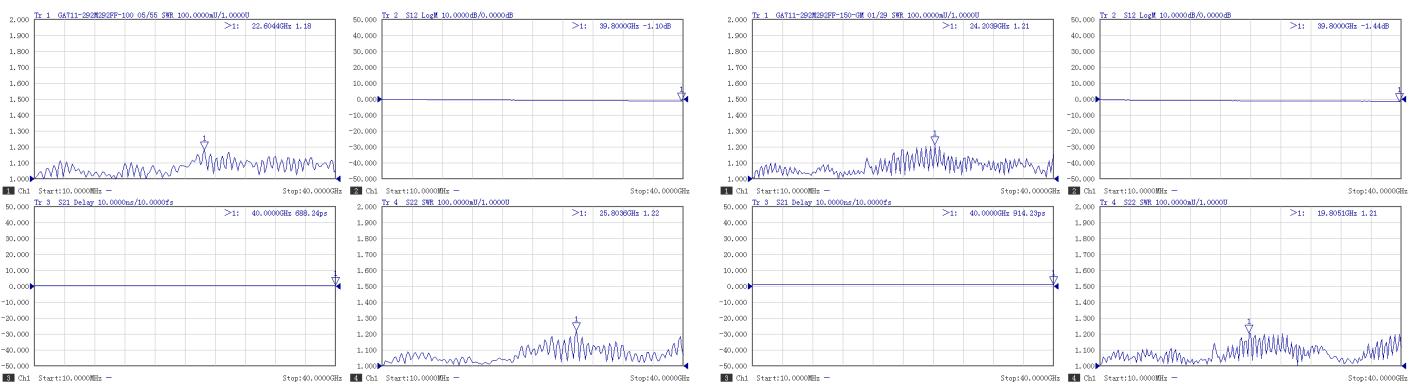
RoHS Compliant

Yes

Operating Temperature Range

-40°C to +125°C

## Test Report for Cable assembly



\*Note: Test Cable Assembly Length = 100 mm

\*Note: Test Cable Assembly Length = 150 mm