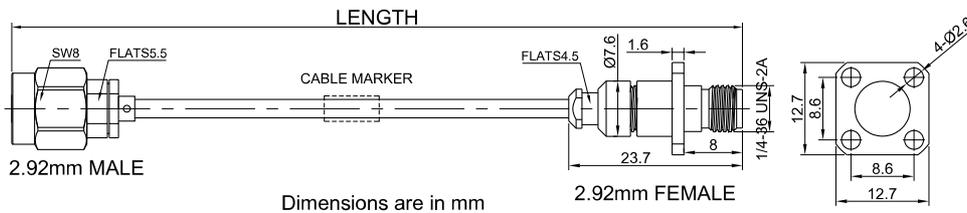


P/N: FR711-292M292FF-XXX

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

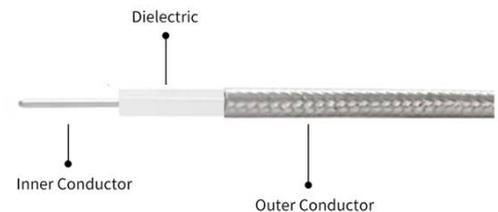


### Connectors Configuration

	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

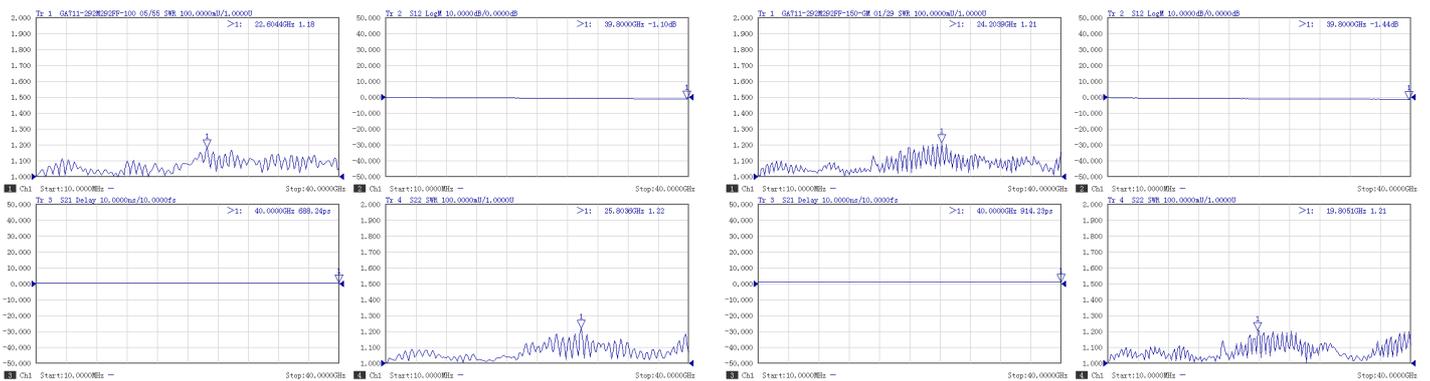
## Electrical Data

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