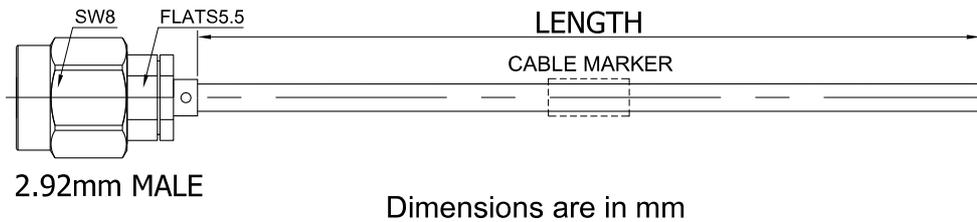


P/N: FR710-292M000-XXX

2.92mm Male to Trimmed Lead Cable Assembly | .086" Semi-Rigid GUT-085 (Copper) Coax Cable | DC - 40GHz

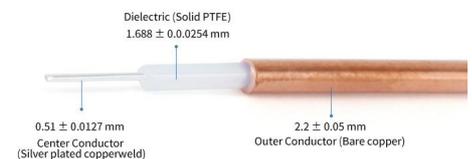


## Connectors Configuration

	Connector 1	Connector 2
Connector Series	2.92mm	
Connector Polarity	Standard	Standard
Connector Gender	Male	
Connector Impedance (Ohm)	50.0	50.0
Connector Mount Method	None	None
Connector Body Style	Straight	
Connector Body Material	Stainless Steel	
Connector Body Plating	Passivated	

## Cable Configuration

Cable Type	.086" Semi-rigid Cable (Copper)
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver plated copperweld
Dielectric Material	Solid PTFE
Shield Layer 1 Material	Copper
Cable Diameter (mm)	2.2
Cable Color	Cooper
Minimum Bend Radius (mm)	6mm
Capacitance (pF/m)	95
Velocity of Propagation	70%
Shielding Effectiveness	<-120dB @ 1GHz



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## Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 40GHz	1.4	1.32
150	±3			1.63
200	±3			1.94
250	±3			2.3
300	±5			2.56
400	±5			3.21
500	±5			3.82

## Environmental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-45 °C to +85 °C