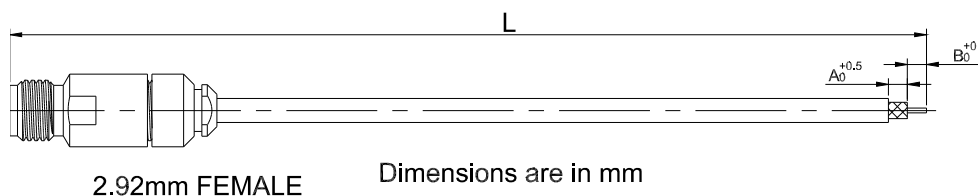


## 2.92mm Female to Trimmed Lead Cable Assembly | .086" Semi-Rigid GUT-085 (Copper) Coax Cable | DC - 40GHz

P/N: FR710-292F000-XXX



### Connectors Configuration

	Connector 1
Connector Series	2.92mm
Connector Polarity	Standard
Connector Gender	Female
Connector Impedance (Ohm)	50
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
Minimum Bend Radius (mm)	6mm
Capacitance (pF/m)	95
Velocity of Propagation	70%
Shielding Effectiveness	<-100dB @ 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 to 40GHz	<1.1 @ DC-40GHz
150	±3			<1.5 @ DC-40GHz
200	±3			<1.7 @ DC-40GHz
250	±3			<2.0 @ DC-40GHz
300	±5			<2.3 @ DC-40GHz
400	±5			<2.9 @ DC-40GHz
500	±5			<3.5 @ DC-40GHz

## Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-45 °C to +85 °C
MIL/STD	N/A