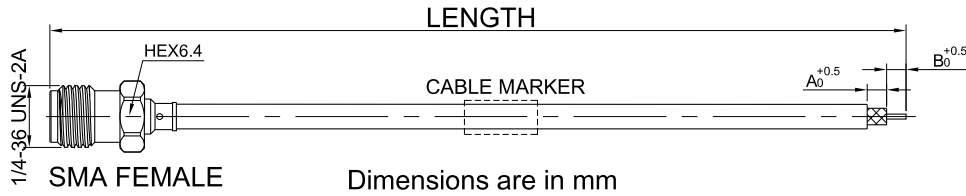


P/N: GA710-SMF000-XXX

**SMA Female to Trimmed Lead Cable Assembly | .086" Semi-Rigid GUT-085 (Copper) Coax Cable | DC - 18GHz**



### Connectors Configuration

	Connector 1
Connector Series	SMA
Connector Polarity	Standard
Connector Gender	Female
Connector Impedance (Ohm)	50
Connector Body Style	Straight
Connector Body Material	Brass
Connector Body Plating	Gold

### 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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SMA Female to Trimmed Lead Cable Assembly | .086" Semi-Rigid GUT-085 (Copper) Coax Cable | DC - 18GHz

**Electrical Data**

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 18GHz	1.35 to 18GHz	0.83
150	±3			1.0
200	±3			1.16
250	±3			1.33
300	±5			1.49
400	±5			1.82
500	±5			2.15

**Environmental Specifications**

RoHS Compliant

Yes

Operating Temperature Range

-45 °C to +85 °C