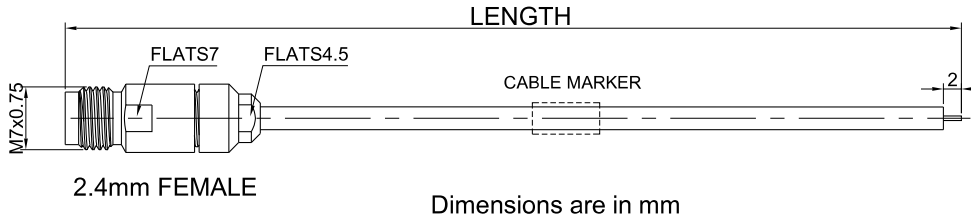


P/N: FR710-24F000-XXX

2.4mm Female to Trimmed Lead Cable Assembly | .086" Semi-Rigid GUT-085 (Copper) Coax Cable | DC - 50GHz



### Connectors Configuration

Connector Series	Connector 1
Connector Polarity	2.4mm
Connector Gender	Standard
Connector Impedance (Ohm)	Female
Connector Body Style	50
Connector Body Material	Straight
Connector Body Plating	Stainless Steel
	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



## Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC-50GHz	1.44 to 50GHz	1.32 to 40GHz
200	±3			1.94 to 40GHz
300	±5			2.56 to 40GHz
500	±5			3.82 to 40GHz
1000	±10			6.92 to 40GHz

## Environmental Specifications

RoHS Compliant

Yes

Operating Temperature Range

-45 °C to +85 °C

## Revision History

Version	Description	Prepared By	Approved By	Date
V1.0	Initial release	Grimm	Hebe	2024-01-01