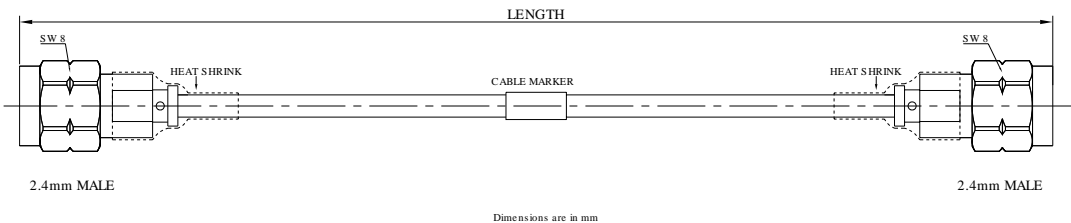


2.4mm Male to 2.4mm Male Cable Using .086" Semi-flexible Coax with FEP Jacket, DC - 50GHz

P/N: FR712-24M24M-XXX

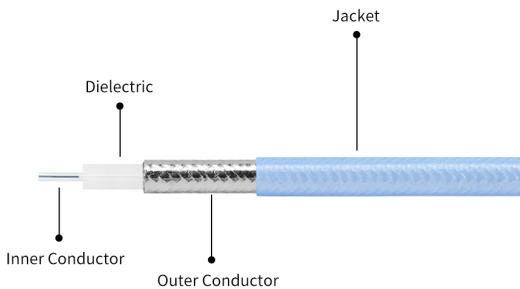


Connectors Configuration

	Connector 1	Connector 2
Connector Series	2.4mm	2.4mm
Connector Polarity	Standard	Standard
Connector Gender	Male	Male
Connector Impedance (Ohm)	50	50
Connector Mount Method	None	None
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
Jacket Material	FEP
Jacket Diameter (mm)	2.54
Cable Color	Blue
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	94
Velocity of Propagation	71%
Shielding Effectiveness	> -110dB @ 1GHz



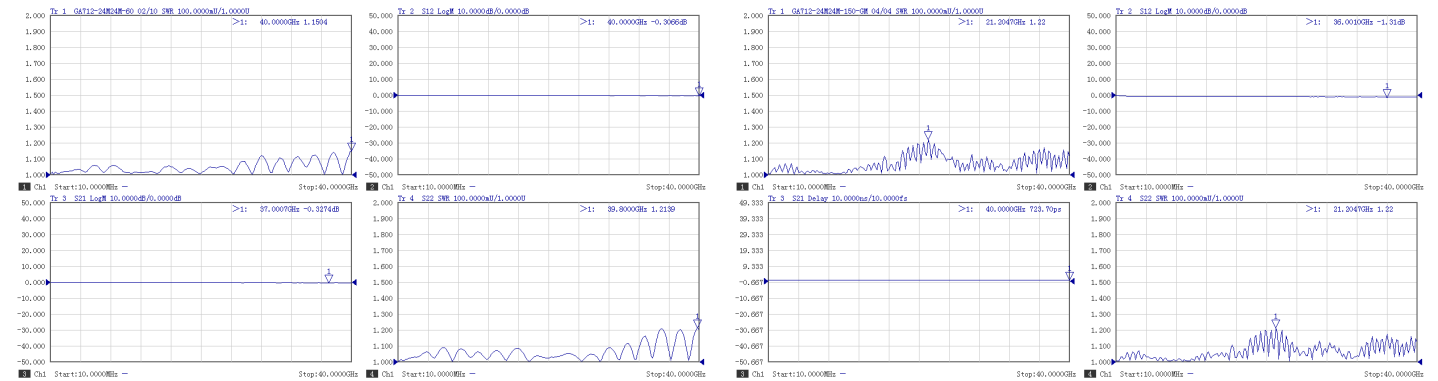
2.4mm Male to 2.4mm Male Cable Using .086" Semi-flexible Coax with FEP Jacket, DC - 50GHz

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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-50GHz	14dB to 50GHz	1.32 to 40GHz
150	±3			1.63 to 40GHz
200	±3			1.94 to 40GHz
250	±3			2.25 to 40GHz
300	±5			2.56 to 40GHz
400	±5			3.21 to 40GHz
500	±5			3.82 to 40GHz

Test Report for Cable assembly



*Note:Test Cable Assembly Length = 60 mm

*Note:Test Cable Assembly Length = 150 mm

Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-40 °C to +80 °C
MIL/STD	N/A