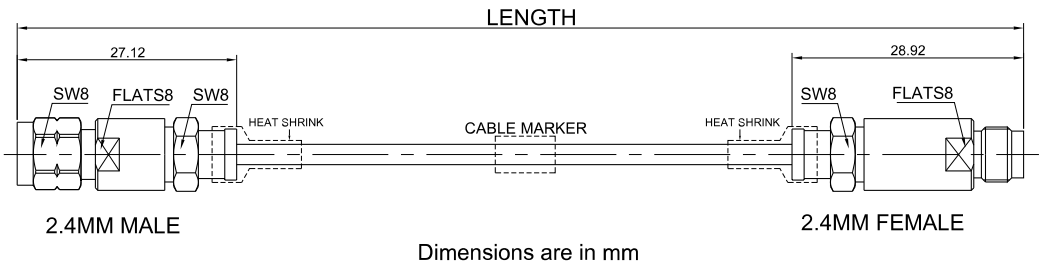
Gwave
Fast Delivery RF Parts.

Datasheet

P/N: GAU9-24M24F-XXX

2.4mm Male to 2.4mm Female Cable Using 3500 Series Coax | DC-50GHz



Dimensions are in mm



Connectors Configuration

	Connector 1	Connector 2
Connector Series	2.4mm	2.4mm
Connector Polarity	Standard	Standard
Connector Gender	Male	Female
Connector Impedance (Ohm)	50	50
Connector Body Style	Straight	Straight
Connector Body Material	Stainless Steel	Stainless Steel
Connector Body Plating	Passivated	Passivated

Cable Configuration

Cable Type	3500 SERIES Coax
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper
Dielectric Material	ePTFE
Number of Shields	2
Shield Layer 1 Material	Silver Plated Copper Tape
Shield Layer 2 Material	Silver Plated Copper Braid
Jacket Material	FEP
Cable Diameter (mm)	3.1
Minimum Bend Radius (mm)	12.5
Velocity of Propagation	83%
Shielding Effectiveness	>90dB@1GHz

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2.4mm Male to 2.4mm Female Cable Using 3500 Series Coax | DC-50GHz

Electrical Data

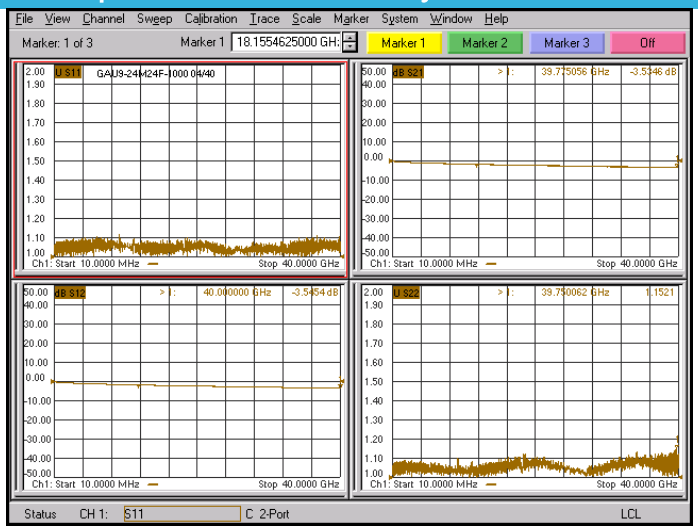
Electrical Specifications for Different Length

Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
200	±3	DC-50GHz	1.40 to 50 GHz	1.32
400	±5			2.05
500	±5			2.41
1000	±10			4.25
1500	±15			5.95
2000	±20			7.75
3000	±30			11.3

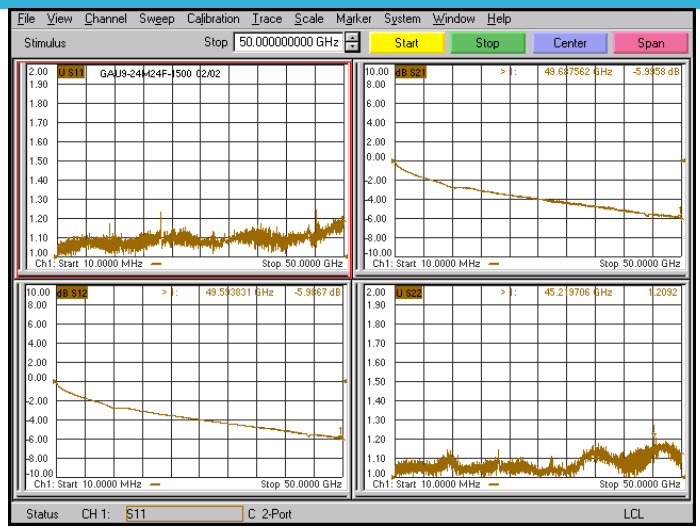
Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-40°C to +125°C
MIL/STD	N/A

Test Report for Cable assembly



*Note:Test Cable Assembly Length = 1000 mm



*Note:Test Cable Assembly Length = 1500 mm