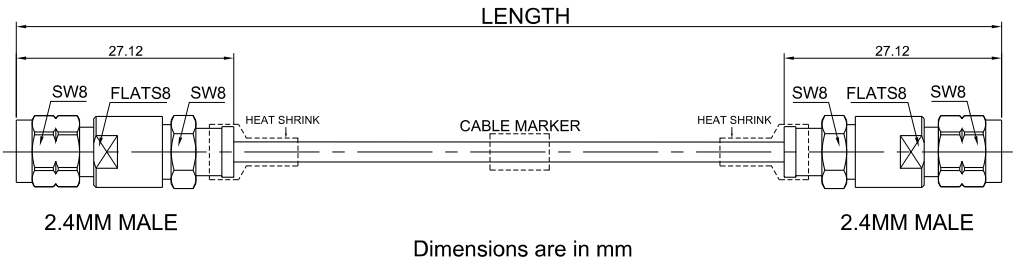
Gwave
Fast Delivery RF Parts.

Datasheet

P/N: GAU9-24M24M-XXX

2.4mm Male to 2.4mm Male 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	Male
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

Gwave Technology Inc
(888)251-2240
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www.gwavetech.com

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

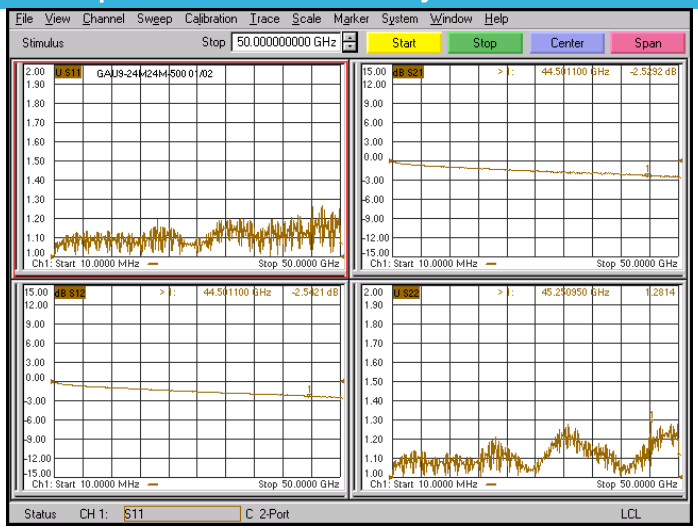
Electrical Data

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

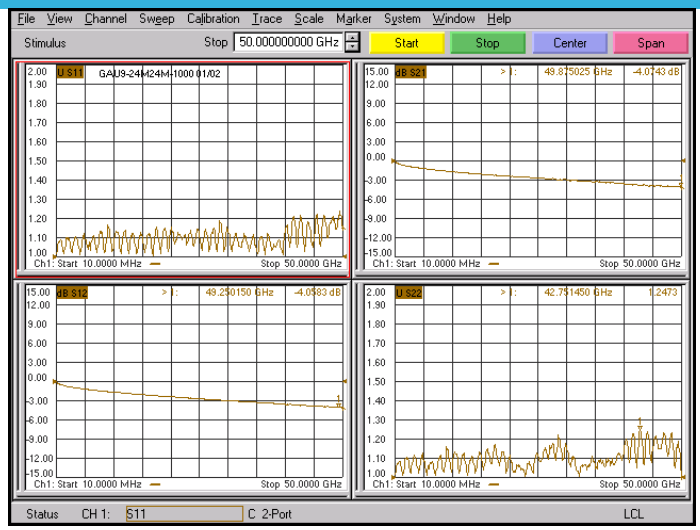
Enviromental Specifications

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 = 500 mm



*Note:Test Cable Assembly Length = 1000 mm

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