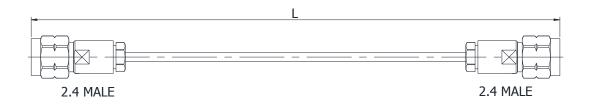
CABLE ASSEMBLY DATASHEET



U12 SERIES, FLEXIBLE CABLE, 2.4MM(MALE)- 2.4MM(MALE)

GAU12-24M24M-XXX



* Label and Shrinking tube design depend on customer's request.

Configuration						
Connector 1 Type	2.4mm Male					
Connector 1 Body Style	Straight Passivated Staindless Steel					
Body Material and Plating						
Connector 1 Mount Method	None					
Connector 2 Type	2.4mm Male					
Connector 2 Body Style	Straight					
Body Material and Plating	Passivated Staindless Steel					
Connector 2 Mount Method	None					
Cable Type	U12 Series					
Electrical Specifications						
Impedance	50 Ω					
Frequency	DC to 50 GHz					
Return Loss/VSWR	1.35					
Phase Stability vs. Flexure	N/A					
Amplitude Stability	N/A					
Shielding Effectiveness	<-90dB @ 1GHz					
Phase Matching	On request					
Signal Delay	On request					
Environmental Data						
Temperature Range	-40°C to +125°C					
2002/95/EC(RoHS)	Compliant					

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GAU12-24M24M-XXX

Cable Specifications					
Center Conductor	Silver plated copper				
Dielectric	ePTFE				
Jacket	FEP				
Velocity of propagation(%)	80				
Min. bending radius(mm)	10				
Jacket Diameter(mm)	1.85				

Part Number List

Dart Number	Length [mm]	Insertion Loss ≤(dB)				
Part Number		3GHz	6GHz	18GHz	40GHz	50GHz
GAU12-24M24M-1000	1000±10	2.96	5.21	6.38	7.93	8.92
GAU12-24M24M-800	800±10	2.39	4.21	5.15	6.40	7.21
GAU12-24M24M-600	600±5	1.82	3.21	3.93	4.88	5.50
GAU12-24M24M-400	400±5	1.26	2.21	2.71	3.36	3.78
GAU12-24M24M-200	200±5	0.69	1.22	1.49	1.84	2.07

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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