



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

Configuration

Connector 1 Type	2.4mm Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
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

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

Part Number	Length [mm]	Insertion Loss ≤(dB)				
		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.