



2.4mm MALE

1.0mm FEMALE

\* 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 Stainless Steel
Connector 1 Mount Method	None
Connector 2 Type	1.0mm Female
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Stainless Steel
Connector 2 Mount Method	None
Cable Type	U12 Series

### Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 50 GHz
Return Loss/VSWR	1.35 to 50 GHz
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

**Armor Specifications**

Armor Type	Stainless steel wire covered by Tin plated copper wire and nomex braid
Min. bending radius(mm)	25.4
Diameter(mm)	7.5

**Part Number List**

Part Number	Length [mm]	Insertion Loss ≤(dB)				
		6GHz	18GHz	26.5GHz	40GHz	50GHz
GAU12-24M10F-1000A3	1000±10	2.96	5.21	6.38	7.93	8.92
GAU12-24M10F-800A3	800±10	2.39	4.21	5.15	6.40	7.21
GAU12-24M10F-600A3	600±5	1.82	3.21	3.93	4.88	5.50
GAU12-24M10F-400A3	400±5	1.26	2.21	2.71	3.36	3.78
GAU12-24M10F-200A3	200±5	0.69	1.22	1.49	1.84	2.07

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