



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

## Configuration

Connector 1 Type	2.4mm Female
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	2.4mm Female
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	3506 Series

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 50 GHz
Return Loss/VSWR	1.44 to 50 GHz
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On request
Signal Delay	On request
Power Handling	90watt @ 2GHz at sea level,VSWR1.0

## Environmental Data

Temperature Range	-40°C to +165°C
2002/95/EC(RoHS)	Compliant

### Cable Specifications

Center Conductor	Silver plated copper
Dielectric	ePTFE
Jacket	FEP
Capacitance(pF/m)	94
Velocity of propagation(%)	82
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.2

### Part Number List

Part Number	Length [mm]	Insertion Loss $\leq$ (dB)			
		10GHz	20GHz	40GHz	50GHz
GAU2-24F24F-3000	3000 $\pm$ 30	6.79	9.77	14.21	15.93
GAU2-24F24F-2500	2500 $\pm$ 20	5.74	8.25	11.98	13.56
GAU2-24F24F-2000	2000 $\pm$ 20	4.70	6.73	9.75	10.94
GAU2-24F24F-1500	1500 $\pm$ 15	3.65	5.21	7.52	8.53
GAU2-24F24F-1200	1200 $\pm$ 12	3.02	4.29	6.18	6.92
GAU2-24F24F-1000	1000 $\pm$ 10	2.61	3.69	5.29	5.78
GAU2-24F24F-600	600 $\pm$ 10	1.77	2.47	3.50	3.83
GAU2-24F24F-500	500 $\pm$ 10	1.56	2.17	3.06	3.32

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