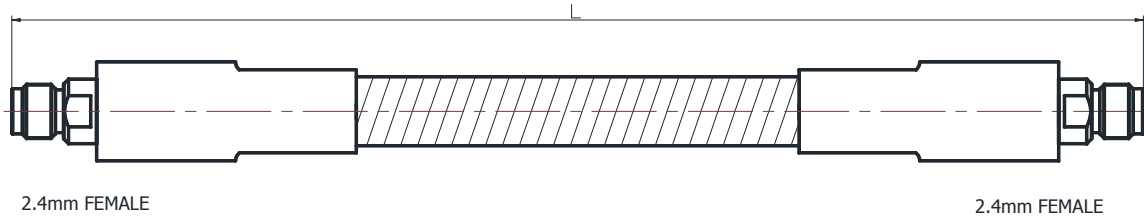


GT3507, FLEXIBLE CABLE,  
2.4MM(FEMALE)- 2.4MM(FEMALE)**GAU3-24F24F-XXA2**

\* 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	GT3507

### Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 40 GHz
Return Loss/VSWR	1.35 to 40 GHz
Phase Stability vs. Flexure	3° @ 10GHz ,5° @ 18GHz
Amplitude Stability	N/A
Shielding Effectiveness	>90dB @ 1GHz
Phase Matching	On request
Signal Delay	On request
Power Handling	65watt @ 40GHz at sea level,VSWR1.0

### Environmental Data

Temperature Range	-40°C to +80°C
2002/95/EC(RoHS)	Compliant

### Cable Specifications

Center Conductor	Silver plated copper
Dielectric	ePTFE
Jacket	FEP
Velocity of propagation(%)	85
Min. bending radius(mm)	6.35
Jacket Diameter(mm)	3.60±0.13

### Armor Specifications

Armor Type	Stainless Steel Interlocked Hose
Min. bending radius(mm)	50.8
Diameter(mm)	9.5

## Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		10GHz	18GHz	26.5GHz	40GHz
GAU3-24F24F-8000A2	8000±30	9.94	13.64	17.26	21.36
GAU3-24F24F-3000A2	3000±30	3.89	5.34	6.76	8.36
GAU3-24F24F-2000A2	2000±20	2.68	3.68	4.66	5.76
GAU3-24F24F-1500A2	1500±15	2.08	2.85	3.61	4.46
GAU3-24F24F-1200A2	1200±12	1.72	2.35	2.98	3.68
GAU3-24F24F-1000A2	1000±10	1.47	2.02	2.56	3.16
GAU3-24F24F-600A2	600±10	0.98	1.36	1.72	2.12
GAU3-24F24F-500A2	500±10	0.865	1.19	1.51	1.86
GAU3-24F24F-400A2	400±10	0.75	1.02	1.31	1.58
GAU3-24F24F-200A2	200±10	0.53	0.72	0.87	1.08

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