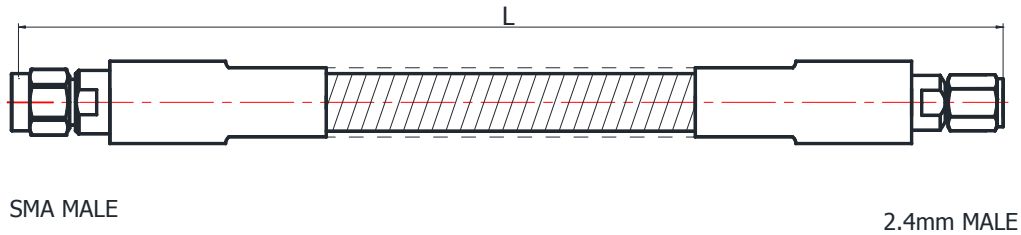


CXN3507, FLEXIBLE CABLE,  
SMA(MALE)- 2.4MM(MALE)

GAU3-SMM24M-XXXA4



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

<b>Configuration</b>	
Connector 1 Type	SMA 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	CXN3507
<b>Electrical Specifications</b>	
Impedance	50 $\Omega$
Frequency	DC to 18 GHz
Return Loss/VSWR	1.3 to 18 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
<b>Environmental Data</b>	
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 With Polyurethane Jacket
Min. bending radius(mm)	44.0
Diameter(mm)	10

### Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		10GHz	18GHz	26.5GHz	40GHz
GAU3-SMM24M-8000A4	8000±30	9.94	13.64	17.26	21.36
GAU3-SMM24M-3000A4	3000±30	3.89	5.34	6.76	8.36
GAU3-SMM24M-2000A4	2000±20	2.68	3.68	4.66	5.76
GAU3-SMM24M-1500A4	1500±15	2.08	2.85	3.61	4.46
GAU3-SMM24M-1200A4	1200±12	1.72	2.35	2.98	3.68
GAU3-SMM24M-1000A4	1000±10	1.47	2.02	2.56	3.16
GAU3-SMM24M-600A4	600±10	0.98	1.36	1.72	2.12
GAU3-SMM24M-500A4	500±10	0.865	1.19	1.51	1.86
GAU3-SMM24M-400A4	400±10	0.75	1.02	1.31	1.58
GAU3-SMM24M-200A4	200±10	0.53	0.72	0.87	1.08

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