



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

Configuration

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	GPO Male
Connector 2 Body Style	Straight
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	405 Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 18 GHz
Return Loss/VSWR	12 dB to 18 GHz
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On request
Signal Delay	± 1 ps
Power Handling	110watt @ 2GHz at sea level,VSWR1.0

Environmental Data

Temperature Range	-40°C to +125°C
2002/95/EC(RoHS)	Compliant

Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Solid PTFE
Jacket	FEP
Capacitance(pF/m)	96.1
Velocity of propagation(%)	70
Min. bending radius(mm)	6.35
Jacket Diameter(mm)	2.54±0.13

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		5GHz	10GHz	20GHz	26.5GHz
GAF71-SMMGPOM-1000	1000±10	1.7	2.5	3.8	4.7
GAF71-SMMGPOM-800	800±8	1.4	2.06	3.14	3.86
GAF71-SMMGPOM-500	500±5	0.95	1.42	2.15	2.61
GAF71-SMMGPOM-300	300±5	0.65	0.96	1.49	1.76
GAF71-SMMGPOM-260	260±5	0.59	0.87	1.35	1.59
GAF71-SMMGPOM-200	200±5	0.51	0.74	1.16	1.34
GAF71-SMMGPOM-100	100±5	0.35	0.52	0.83	0.92

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