



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

Configuration

Connector 1 Type	GPO(SMP) Male
Connector 1 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 1 Mount Method	2 Hole Flange
Connector 2 Type	GPO(SMP) Male
Connector 2 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 2 Mount Method	2 Hole Flange
Cable Type	GUT-085-Form

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 18 GHz
Return Loss/VSWR	12dB to 18 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	89watt @ 3GHz 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	Solid extruded PTFE
Jacket	None
Capacitance(pF/m)	94
Velocity of propagation(%)	70
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.2

Part Number List

Part Number	Length [mm]	Insertion Loss $\leq$ (dB)			
		1GHz	5GHz	10GHz	18GHz
GA711-GPFMGPFM-1000	1000 $\pm$ 10	0.86	1.7	2.5	3.6
GA711-GPFMGPFM-800	800 $\pm$ 8	0.73	1.4	2.06	2.94
GA711-GPFMGPFM-500	500 $\pm$ 5	0.53	0.95	1.42	2.05
GA711-GPFMGPFM-300	300 $\pm$ 5	0.39	0.65	0.96	1.44
GA711-GPFMGPFM-260	260 $\pm$ 5	0.37	0.59	0.87	1.31
GA711-GPFMGPFM-200	200 $\pm$ 5	0.33	0.51	0.74	1.12
GA711-GPFMGPFM-100	100 $\pm$ 5	0.24	0.35	0.52	0.81

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