



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

<b>Configuration</b>	
Connector 1 Type	SMA Female
Connector 1 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 1 Mount Method	Bulkhead
Connector 2 Type	GPO(SMP) Female
Connector 2 Body Style	Straight
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	GUT-085-Form-FEP
<b>Electrical Specifications</b>	
Impedance	50 Ω
Frequency	DC to 18 GHz
Return Loss/VSWR	1.35
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
<b>Environmental Data</b>	
Temperature Range	-40°C to +165°C
2011/65/EU(RoHS)	Compliant

### Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Solid extruded PTFE
Jacket	EPI205,Blue
Capacitance(pF/m)	94
Velocity of propagation(%)	70
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.54

### Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		3GHz	5GHz	10GHz	18GHz
GA712-SMYFGPF-1000	1000±10	1.33	1.92	2.71	3.65
GA712-SMYFGPF-500	500±5	0.785	0.95	1.42	2.15
GA712-SMYFGPF-300	300±5	0.53	0.65	0.96	1.49
GA712-SMYFGPF-200	200±5	0.404	0.51	0.74	1.16
GA712-SMYFGPF-100	100±5	0.27	0.35	0.52	0.83

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