



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

Configuration

Connector 1 Type	GPO(SMP) Female
Connector 1 Body Style	Straight
Body Material and Plating	CuBe Gold Plated
Connector 1 Mount Method	None
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	UT-085-Form

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 40 GHz
Return Loss/VSWR	15dB to 18 GHz, 10dB to 40 GHz
Shielding Effectiveness	<-125dB @ 1GHz
Phase Matching	On Request
Signal Delay	On Request
Power Handling	141.4Watt @ 1GHz at Sea Level, VSWR1.0

Environmental Data

Temperature Range	-45°C to +125°C
RoHS	Compliant

Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Solid extruded PTFE
Outer Conductor	Tin Plated Braid
Capacitance(pF/m)	95.2
Velocity of propagation(%)	70
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.2
Weight(kg/100m)	1.7

Part Number List

Part Number	Length [mm]	Insertion Loss \leq (dB)			
		3GHz	10GHz	18GHz	40G
GA711-GPFGPF-1000	1000 \pm 10	1.33	2.71	3.65	6.92
GA711-GPFGPF-500	500 \pm 10	0.785	1.42	2.15	3.82
GA711-GPFGPF-300	300 \pm 10	0.53	0.96	1.49	2.56
GA711-GPFGPF-200	200 \pm 5	0.404	0.74	1.16	1.94
GA711-GPFGPF-100	100 \pm 5	0.27	0.52	0.83	1.32

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