



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

### Configuration

Connector 1 Type	GPO(SMP) Female
Connector 1 Body Style	Right Angle
Body Material and Plating	CuBe Gold Plated
Connector 1 Mount Method	None
Connector 2 Type	GPO(SMP) Female
Connector 2 Body Style	Right Angle
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	UT-085-H-TP-M17

### Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 18 GHz
Return Loss/VSWR	12dB to 18 GHz
Shielding Effectiveness	<-130dB @ 1GHz
Phase Matching	On Request
Signal Delay	On Request
Power Handling	162.5Watt @ 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/Copper
Capacitance(pF/m)	95.2
Velocity of propagation(%)	70
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.2
Weight(kg/100m)	2.13

### Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)		
		3GHz	10GHz	18GHz
GA710-GPWFGPWF-1000	1000±10	1.33	2.71	3.65
GA710-GPWFGPWF-500	500±10	0.785	1.42	2.15
GA710-GPWFGPWF-300	300±10	0.53	0.96	1.49
GA710-GPWFGPWF-200	200±5	0.404	0.74	1.16
GA710-GPWFGPWF-100	100±5	0.27	0.52	0.83

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