



* 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 Stainless Steel
Connector 1 Mount Method	None
Connector 2 Type	SMA Male
Connector 2 Body Style	Right Angle
Body Material and Plating	Brass Gold Plated
Connector 2 Mount Method	None
Cable Type	UT-085-SS

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 6 GHz
Return Loss/VSWR	1.25 to 6 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
2011/65/EU(RoHS)	Compliant

Cable Specifications

Center Conductor	SPCW
Dielectric	Solid extruded PTFE
Outer Conductor	304-SS
Capacitance(pF/m)	95.1
Velocity of propagation(%)	70
Min. bending radius(mm)	3.18
Jacket Diameter(mm)	2.2

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)	
		3GHz	5GHz
GA710C2-SMMSMWM-1000	1000±10	1.33	1.92
GA710C2-SMMSMWM-500	500±5	0.785	0.95
GA710C2-SMMSMWM -300	300±3	0.53	0.65
GA710C2-SMMSMWM-200	200±3	0.404	0.51
GA710C2-SMMSMWM-100	100±3	0.27	0.35

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