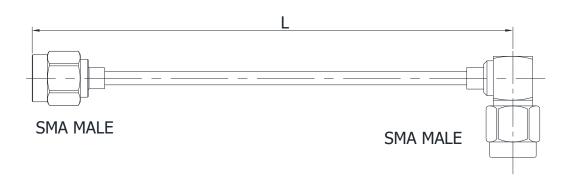
CABLE ASSEMBLY DATASHEET



086 SERIES, SEMI-RIGID CABLE, SMA(MALE)- SMA(MALE)

GA710C2-SMMSMWM-XXX



* 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		
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 Phase Matching	<-100dB @ 1GHz		
	On request		
Signal Delay	On request		
Power Handling	89watt @ 3GHz at sea level,VSWR1.0		
Environmental Data			
Temperature Range	-40°C to +165°C		

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CABLE ASSEMBLY DATASHEET



086 SERIES, SEMI-RIGID CABLE, SMA(MALE)- SMA(MALE)

GA710C2-SMMSMWM-XXX

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

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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