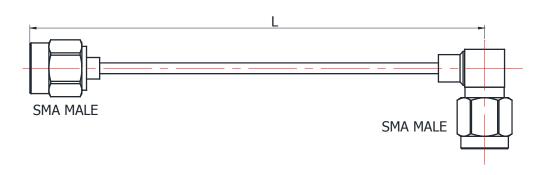
CABLE ASSEMBLY DATASHEET



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

GA710S-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 Staindless 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	100Watt @ 1GHz at Sea Level,VSWR1.0			
Environmental Data				
Temperature Range	-40°C to +165°C			
2002/95/EC(RoHS)	Compliant			

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CABLE ASSEMBLY DATASHEET



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

GA710S-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
GA710-SMMSMWM-1000	1000±15	1.33	1.92
GA710-SMMSMWM-500	500±10	0.785	0.95
GA710-SMMSMWM-300	300±10	0.53	0.65
GA710-SMMSMWM-200	200±10	0.404	0.51
GA710-SMMSMWM-100	100±10	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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