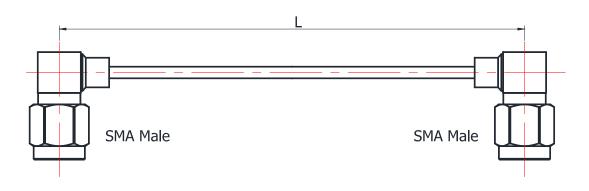
CABLE ASSEMBLY DATASHEET



141 SERIES, SEMI-FLEX CABLE, SMA(MALE)- SMA(MALE)

GA721-SMWMSMWM-XXX



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

Configuration				
Connector 1 Type	SMA Male			
Connector 1 Body Style	Right Angle			
Body Material and Plating	Brass Gold Plated			
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	GUT-141-Form			
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	182Watt @ 5GHz at Sea Level,VSWR1.0			
Environmental Data				
Temperature Range	-40°C to +125°C			
2002/95/EC(RoHS)	Compliant			

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CABLE ASSEMBLY DATASHEET



141 SERIES, SEMI-FLEX CABLE, SMA(MALE)- SMA(MALE)

GA721-SMWMSMWM-XXX

Cable Specifications			
Center Conductor	Silver plated copperweld		
Dielectric	Solid PTFE		
Outer Conductor	Tin-soaked copper Coverge100%		
Capacitance(pF/m)	95.1		
Velocity of propagation(%)	70		
Min. bending radius(mm)	10		
Jacket Diameter(mm)	3.58±0.05		

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)	
		1GHz	5GHz
GA721-SMWMSMWM-1000	1000±10	0.48	1.11
GA721-SMWMSMWM-800	800±8	0.41	0.93
GA721-SMWMSMWM-600	600±6	0.33	0.75
GA721-SMWMSMWM-500	500±5	0.29	0.655
GA721-SMWMSMWM-400	400±5	0.255	0.56
GA721-SMWMSMWM-300	300±5	0.22	0.47
GA721-SMWMSMWM-260	260±5	0.198	0.436
GA721-SMWMSMWM-200	200±5	0.176	0.382
GA721-SMWMSMWM-100	100±5	0.138	0.291

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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