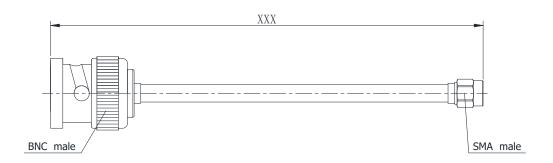
CABLE ASSEMBLY DATASHEET



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

GA721-BNCMSMM-XXX



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

Configuration			
Connector 1 Type	BNC Male		
Connector 1 Body Style	Straight		
Body Material and Plating	Brass Nickel Plated		
Connector 1 Mount Method	None		
Connector 2 Type	SMA Male		
Connector 2 Body Style	Straight		
Body Material and Plating	Passivated Staindless Steel		
Connector 2 Mount Method	None		
Cable Type	GUT-141-Form		
Electrical Specificati			
Impedance	50 Ω		
Frequency	DC to 3 GHz		
Return Loss/VSWR	1.25 to 3 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, BNC(MALE)- SMA(MALE)

GA721-BNCMSMM-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	3GHz	
GA721-BNCMSMM-1000	1000±10	0.48	1.11	
GA721-BNCMSMM-500	500±5	0.29	0.655	
GA721-BNCMSMM-300	260±5	0.198	0.436	
GA721-BNCMSMM-200	200±5	0.176	0.382	
GA721-BNCMSMM-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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Page

2/2