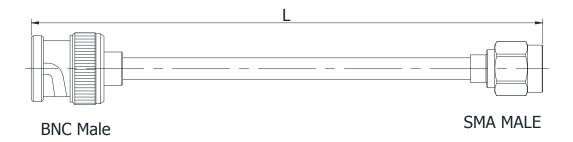
CABLE ASSEMBLY DATASHEET



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

GA720X-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(TIN/Copper)			
Electrical Specifications				
Impedance	50 Ω			
Frequency	DC to 3 GHz			
Return Loss/VSWR	1.25 to 3 GHz			
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	-45°C to +125°C			
2011/65/EU(RoHS)	Compliant			

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CABLE ASSEMBLY DATASHEET



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

GA720X-BNCMSMM-XXX

Cable Specifications			
Center Conductor	Silver plated copperweld		
Dielectric	Solid PTFE		
Jacket	TIN/Copper		
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
GA720X-BNCMSMM-1000	1000±10	0.48	1.11
GA720X-BNCMSMM-500	500±5	0.29	0.655
GA720X-BNCMSMM-300	300±5	0.22	0.47
GA720X-BNCMSMM-200	200±5	0.176	0.382
GA720X-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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