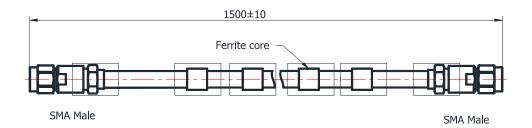
CABLE ASSEMBLY DATASHEET



402 SERIES, FLEXIBLE CABLE WITH FC,SMA(MALE)- SMA(MALE)

GAF72-SMMSMM-1500FC18



* 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	Straight				
Body Material and Plating	Passivated Staindless Steel				
Connector 2 Mount Method	None				
Cable Type	402 Series				
Electrical Specificati	ons				
Impedance	50 Ω				
Frequency	DC to 26.5 GHz				
Return Loss/VSWR	1.25 to 18 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	315watt @ 1GHz at sea level,VSWR1.0				
Environmental Data					
Temperature Range	-40°C to +125°C				
2002/95/EC(RoHS)	Compliant				

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Cable Specifications				
Center Conductor	Silver plated copper			
Dielectric	Solid PTFE			
Jacket	FEP			
Capacitance(pF/m)	96.1			
Velocity of propagation(%)	70			
Min. bending radius(mm)	12.7			
Jacket Diameter(mm)	4.12±0.13			

Part Number List

Dart Number	Length [mm]	Insertion Loss ≤(dB)			
Part Number		1GHz	5GHz	10GHz	18GHz
GAF72-SMMSMM-1500FC18	1500±20	0.67	1.62	2.455	3.575

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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