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



GAF72-SMMSMM-1500FC18



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

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
lectrical Specificati	
lectrical Specificati	ions
lectrical Specificati	50 Ω
lectrical Specificati Impedance Frequency	50 Ω DC to 26.5 GHz
Iectrical Specificati Impedance Frequency Return Loss/VSWR	ions 50 Ω DC to 26.5 GHz 1.25 to 18 GHz
Iectrical Specificati Impedance Frequency Return Loss/VSWR Phase Stability vs. Flexure	ions 50 Ω DC to 26.5 GHz 1.25 to 18 GHz N/A
Iectrical Specificati Impedance Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability	ions 50 Ω DC to 26.5 GHz 1.25 to 18 GHz N/A N/A
Electrical Specification Empedance Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness	50 Ω DC to 26.5 GHz 1.25 to 18 GHz N/A <-100dB @ 1GHz

Environmental Data

Temperature Range	-40°C to +125°C
2002/95/EC(RoHS)	Compliant

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CABLE ASSEMBLY DATASHEET

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



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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	Longth [mm]	Insertion Loss ≤(dB)			
Part Number Length [mm	Length [mm]	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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