



\* 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 Specifications

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

### 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

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

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