



* 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	Right Angle
Body Material and Plating	Brass Gold Plated
Connector 2 Mount Method	None
Cable Type	HFE100D

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 6 GHz
Return Loss/VSWR	1.25 to 6 GHz
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On Request
Signal Delay	On Request
Power Handling	89Watt @ 1GHz at Sea Level,VSWR1.0

Environmental Data

Temperature Range	-45°C to +125°C
RoHS	Compliant

Cable Specifications

Center Conductor	SPCW
Dielectric	Solid PTFE
Jaket	FEP
Capacitance(pF/m)	95.5
Velocity of propagation(%)	71
Min. bending radius(mm)	6.35
Jacket Diameter(mm)	2.54
Weight(kg/100m)	2.13

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)	
		3GHz	5GHz
GAF71-SMMSMWM-1000	1000±10	1.33	1.92
GAF71-SMMSMWM-500	500±10	0.785	0.95
GAF71-SMMSMWM-300	300±10	0.53	0.65
GAF71-SMMSMWM-200	200±5	0.404	0.51
GAF71-SMMSMWM-100	100±5	0.27	0.35

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