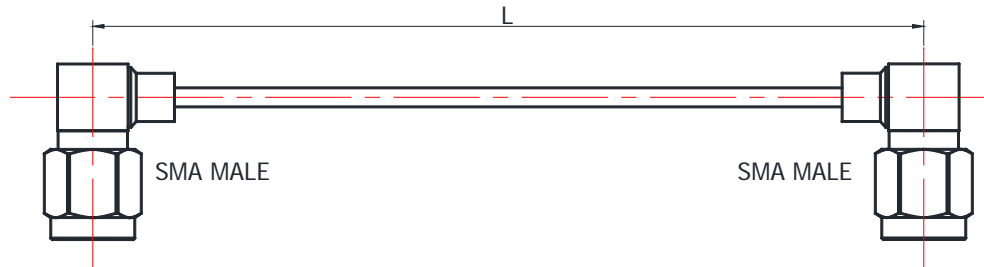


HFE100D, FLEXIBLE CABLE ,  
SMA(MALE)-SMA(MALE)

GAF71-SMWMSMWM-XXX



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

<b>Configuration</b>	
Connector 1 Type	SMA Male
Connector 1 Body Style	Right Angle
Body Material and Plating	Brass Gold Plated
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
<b>Electrical Specifications</b>	
Impedance	50 $\Omega$
Frequency	DC to 6 GHz
Return Loss/VSWR	1.3 to 6 GHz
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On Request
Signal Delay	On Request
Power Handling	89Watt @ 1GHz at Sea Level, VSWR1.0
<b>Environmental Data</b>	
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 $\leq$ (dB)	
		3GHz	5GHz
GAF71-SMWMSMWM-1000	1000 $\pm$ 10	1.33	1.92
GAF71-SMWMSMWM-500	500 $\pm$ 10	0.785	0.95
GAF71-SMWMSMWM-300	300 $\pm$ 10	0.53	0.65
GAF71-SMWMSMWM-200	200 $\pm$ 5	0.404	0.51
GAF71-SMWMSMWM-100	100 $\pm$ 5	0.27	0.35

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