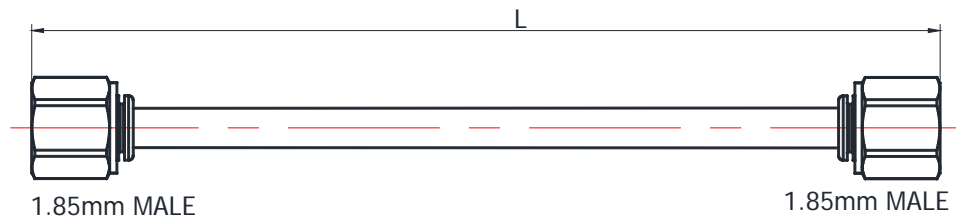


HFE100D, FLEXIBLE CABLE ,  
1.85(MALE)- 1.85(MALE)

GAF71-185M185M-XXX



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

<b>Configuration</b>	
Connector 1 Type	1.85mm Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Stainless Steel
Connector 1 Mount Method	None
Connector 2 Type	1.85mm Male
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Stainless Steel
Connector 2 Mount Method	None
Cable Type	HFE100D
<b>Electrical Specifications</b>	
Impedance	50 $\Omega$
Frequency	DC to 65 GHz
Return Loss/VSWR	1.50
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

HFE100D, FLEXIBLE CABLE ,  
1.85(MALE)- 1.85(MALE)

**GAF71-185M185M-XXX**

### 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	10GHz	18GHz	40G
GAF71-185M185M-1000	1000±10	1.33	2.71	3.65	6.92
GAF71-185M185M-500	500±10	0.785	1.42	2.15	3.82
GAF71-185M185M-300	300±10	0.53	0.96	1.49	2.56
GAF71-185M185M-200	200±5	0.404	0.74	1.16	1.94
GAF71-185M185M-100	100±5	0.27	0.52	0.83	1.32

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