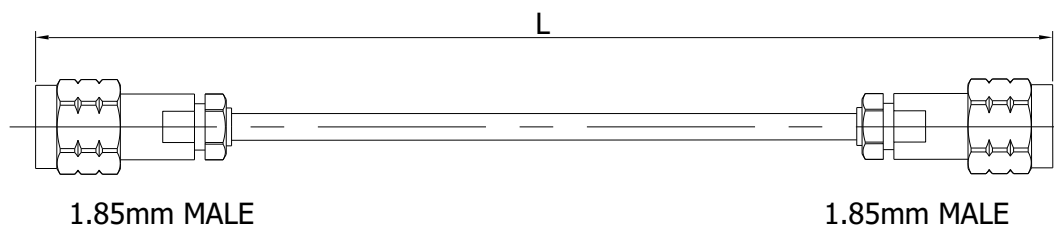


086 SERIES, SEMI-FLEX CABLE,
1.85MM(MALE)- 1.85MM(FEMALE)

GA711-185M185M-XXX



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

Configuration

Connector 1 Type	1.85mm Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	1.85mm Male
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	GUT-085-Form

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 67 GHz
Return Loss/VSWR	1.55 to 67 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	89Watt @ 3GHz at Sea Level,VSWR1.0

Environmental Data

Temperature Range	-40°C to +165°C
2011/65/EU(RoHS)	Compliant

Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Solid extruded PTFE
Jacket	None
Capacitance(pF/m)	94
Velocity of propagation(%)	70
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.2

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)				
		3GHz	10GHz	18GHz	40G	67GHz
GA711-185M185M-1000	1000±10	1.33	2.71	3.65	6.92	9.32
GA711-185M185M-500	500±5	0.785	1.42	2.15	3.82	5.07
GA711-185M185M-300	300±3	0.53	0.96	1.49	2.56	3.37
GA711-185M185M-200	200±3	0.404	0.74	1.16	1.94	2.52
GA711-185M185M-150	150±3	0.337	0.63	0.995	1.63	2.10
GA711-185M185M-100	100±3	0.27	0.52	0.83	1.32	1.67

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