



* 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 Female
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	GUT-047

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 67 GHz
Return Loss/VSWR	1.70 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	110watt @ 2GHz at sea level,VSWR1.0

Environmental Data

Temperature Range	-40°C to +165°C
2002/95/EC(RoHS)	Compliant

Cable Specifications

Center Conductor	Silver plated copperweld
Dielectric	Solid PTFE
Jacket	None
Capacitance(pF/m)	95.1
Velocity of propagation(%)	70
Min. bending radius(mm)	7.63
Jacket Diameter(mm)	1.19±0.05

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		3GHz	10GHz	18GHz	40G
GA700-185M185F-1000	1000±10	1.33	4.03	5.84	9.92
GA700-185M185F-500	500±5	0.785	2.17	3.12	5.82
GA700-185M185F-300	300±5	0.53	1.42	2.03	3.56
GA700-185M185F-200	200±5	0.404	1.05	1.49	2.44
GA700-185M185F-100	100±5	0.27	0.67	0.94	1.62

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