



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

Configuration

Connector 1 Type	1.85mm Female
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Stainless Steel
Connector 1 Mount Method	None
Connector 2 Type	1.85mm Female
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Stainless Steel
Connector 2 Mount Method	None
Cable Type	405 Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 67 GHz
Return Loss/VSWR	1.4 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 copper
Dielectric	Solid PTFE
Jacket	FEP
Capacitance(pF/m)	96.1
Velocity of propagation(%)	70
Min. bending radius(mm)	6.35
Jacket Diameter(mm)	2.64±0.13

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		20GHz	40GHz	50GHz	67GHz
GAH71-185F185F-1000	1000±10	3.8	6.9	7.47	8.65
GAH71-185F185F-800	800±8	3.14	5.66	6.19	7.18
GAH71-185F185F-600	600±6	2.48	4.32	4.86	5.63
GAH71-185F185F-500	500±5	2.15	3.82	4.19	4.85
GAH71-185F185F-300	300±5	1.49	2.56	2.87	3.32
GAH71-185F185F-260	260±5	1.35	2.31	2.61	3.28
GAH71-185F185F-200	200±5	1.16	1.94	2.21	2.55
GAH71-185F185F-100	100±5	0.83	1.32	1.54	1.79

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