



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

Configuration

Connector 1 Type	1.0mm Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	1.0mm Female
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	047 Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 110 GHz
Return Loss/VSWR	1.45 to 110 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	15Watt @ 110GHz at Sea Level,VSWR1.0

Environmental Data

Temperature Range	-55°C to +85°C
RoHS	Compliant

Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Low Density PTFE
Jacket	PFA
Velocity of propagation(%)	82

Armor Specifications

Armor Type	Stainless steel wire covered by Tin plated copper wire and nomex braid
Min. bending radius(mm) Static	20
Min. bending radius(mm) Dynamic	40
Diameter(mm)	3.84

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		18GHz	40GHz	67GHz	110GHz
GAB5-10M10F-2000A3	2000±20	10.23	15.55	20.54	27.54
GAB5-10M10F-1500A3	1500±15	7.74	11.75	15.53	20.97
GAB5-10M10F-1200A3	1200±12	6.24	9.47	12.52	17.03
GAB5-10M10F-1000A3	1000±10	5.24	7.95	10.51	14.49
GAB5-10M10F-600A3	600±10	3.24	4.91	6.49	9.14
GAB5-10M10F-500A3	500±10	2.75	4.15	5.49	7.83

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