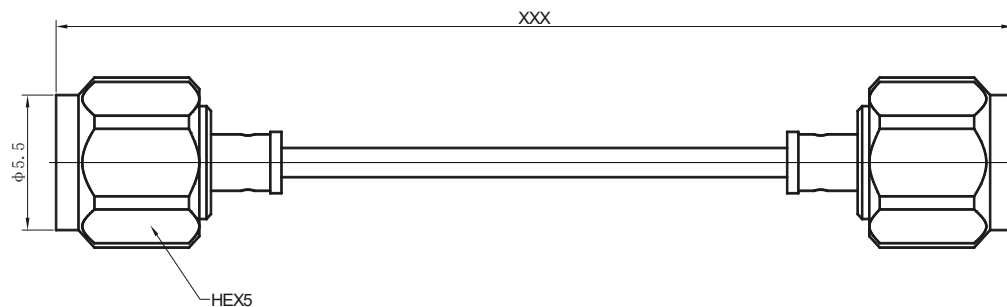




* Label and Shrinking tube design depend on customer's request.

Configuration

Connector 1 Type	1.0MM Male
Connector 1 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 1 Mount Method	None
Connector 2 Type	1.0MM Male
Connector 2 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 2 Mount Method	None
Cable Type	GUT-047-Form

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 110 GHz
Return Loss/VSWR	≤ 1.5 to 110 GHz
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-80dB @ 1GHz
Phase Matching	On request
Signal Delay	On request
Power Handling	10watt @ 2GHz at sea level,VSWR1.0

Environmental Data

Temperature Range	-40°C to +125°C
2011/65/EU(RoHS)	Compliant

Cable Specifications

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

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		40GHz	65GHz	90GHz	110GHz
GA701-10M10M-1000	1000±10	11.08	14.52	17.46	20.14
GA701-10M10M-800	800±10	9.12	11.92	14.35	16.53
GA701-10M10M-700	700±10	8.13	10.65	12.79	14.72
GA701-10M10M-600	600±10	7.15	9.36	11.24	12.92
GA701-10M10M-500	500±5	6.17	8.06	9.68	11.12
GA701-10M10M-400	400±5	5.19	6.76	8.12	9.42
GA701-10M10M-300	300±5	4.21	5.57	6.57	7.51
GA701-10M10M-200	200±5	3.22	4.19	5.01	5.7
GA701-10M10M-100	100±5	2.24	2.9	3.46	3.9

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