



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

Configuration

Connector 1 Type	GPPO(Mini-SMP) Female
Connector 1 Body Style	Straight
Body Material and Plating	CuBe Gold Plated
Connector 1 Mount Method	None
Connector 2 Type	GPPO(Mini-SMP) Female
Connector 2 Body Style	Straight
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	405 Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 40 GHz
Return Loss/VSWR	10 dB to 40 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
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)			
		3GHz	10GHz	18GHz	40G
GAH71-GPPFGPPF-1000	1000±10	1.33	2.71	3.65	6.92
GAH71-GPPFGPPF-500	500±10	0.785	1.42	2.15	3.82
GAH71-GPPFGPPF-300	300±10	0.53	0.96	1.49	2.56
GAH71-GPPFGPPF-200	200±5	0.404	0.74	1.16	1.94
GAH71-GPPFGPPF-100	100±5	0.27	0.52	0.83	1.32

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