



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

### Configuration

Connector 1 Type	SMA Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	GPPO 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 $\Omega$
Frequency	DC to 26.5 GHz
Return Loss/VSWR	12 dB to 26.5 GHz
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On request
Signal Delay	$\pm 1$ ps
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)			
		5GHz	10GHz	20GHz	26.5GHz
GAH71-SMMGPPF-1000	1000±10	1.7	2.5	3.8	4.7
GAH71-SMMGPPF-800	800±8	1.4	2.06	3.14	3.86
GAH71-SMMGPPF-500	500±5	0.95	1.42	2.15	2.61
GAH71-SMMGPPF-300	300±5	0.65	0.96	1.49	1.76
GAH71-SMMGPPF-260	260±5	0.59	0.87	1.35	1.59
GAH71-SMMGPPF-200	200±5	0.51	0.74	1.16	1.34
GAH71-SMMGPPF-100	100±5	0.35	0.52	0.83	0.92

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