



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

### Configuration

Connector 1 Type	GPO Female
Connector 1 Body Style	Straight
Body Material and Plating	CuBe Gold Plated
Connector 1 Mount Method	None
Connector 2 Type	GPO Female
Connector 2 Body Style	Right Angle
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	405 Series

### Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 18 GHz
Return Loss/VSWR	10dB to 18 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 +125°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)			
		1GHz	5GHz	10GHz	18GHz
GAH71-GPFGPWF-1000	1000±10	0.86	1.7	2.5	3.6
GAH71-GPFGPWF-800	800±8	0.73	1.4	2.06	2.94
GAH71-GPFGPWF-500	500±5	0.53	0.95	1.42	2.05
GAH71-GPFGPWF-300	300±5	0.39	0.65	0.96	1.44
GAH71-GPFGPWF-260	260±5	0.37	0.59	0.87	1.31
GAH71-GPFGPWF-200	200±5	0.33	0.51	0.74	1.12
GAH71-GPFGPWF-100	100±5	0.24	0.35	0.52	0.81

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