



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

Configuration

Connector 1 Type	SMA Female
Connector 1 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 1 Mount Method	Bulkhead
Connector 2 Type	GPPO(Mini-SMP) 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 Ω
Frequency	DC to 18 GHz
Return Loss/VSWR	14dB
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 +165°C
2011/65/EU(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)	
		10GHz	18GHz
GAH71-SMYFGPPWF-300-R	300±5	0.96	1.49
GAH71-SMYFGPPWF-200-R	200±5	0.74	1.16
GAH71-SMYFGPPWF-100-R	100±5	0.52	0.83

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