



* 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	SMA Female
Connector 2 Body Style	Right Angle
Body Material and Plating	Brass Gold Plated
Connector 2 Mount Method	None
Cable Type	405 Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 12 GHz
Return Loss/VSWR	1.25 to 6 GHz , 1.35 to 12 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 +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	5GHz	10GHz
GAH71-SMMSMWF-10000	10000±50	13.2	16.5	24.5
GAH71-SMMSMWF-1000	1000±10	1.4	1.7	2.5
GAH71-SMMSMWF-800	800±8	1.16	1.4	2.06
GAH71-SMMSMWF-500	500±5	0.785	0.95	1.42
GAH71-SMMSMWF-300	300±5	0.53	0.65	0.96
GAH71-SMMSMWF-260	260±5	0.48	0.59	0.87
GAH71-SMMSMWF-200	200±5	0.404	0.51	0.74
GAH71-SMMSMWF-100	100±5	0.27	0.35	0.52

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