



* 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 Male
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	210P Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 26.5 GHz
Return Loss/VSWR	1.25 to 18 GHz 1.30 to 26.5 GHz
Phase Stability vs. Flexure	2° @ 18GHz
Amplitude Stability	N/A
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On Request
Signal Delay	On Request
Power Handling	380Watt @ 5GHz at Sea Level,VSWR1.0

Environmental Data

Temperature Range	-40°C to +165°C
RoHS	Compliant

Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Low Density PTFE
Jacket	Polyurethane
Capacitance(pF/m)	86
Velocity of propagation(%)	77
Min. bending radius(mm)	9.65
Jacket Diameter(mm)	5.5±0.13

Armor Specifications

Armor Type	Stainless Steel Interlocked Hose
Min. bending radius(mm)	50.8
Diameter(mm)	9.5

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		3GHz	6GHz	10GHz	18GHz
GAU6-SMMSMM-12000A2	12000±30	7.39	10.72	14.19	19.76
GAU6-SMMSMM-10000A2	10000±30	6.18	8.97	11.87	16.53
GAU6-SMMSMM-8000A2	8000±30	4.98	7.22	9.56	13.3
GAU6-SMMSMM-6000A2	6000±30	3.77	5.47	7.24	10.07
GAU6-SMMSMM-3000A2	3000±30	1.97	2.85	3.76	5.23
GAU6-SMMSMM-2000A2	2000±20	1.36	1.97	2.61	3.62
GAU6-SMMSMM-1500A2	1500±15	1.06	1.54	2.03	2.81
GAU6-SMMSMM-1200A2	1200±12	0.88	1.27	1.68	2.32
GAU6-SMMSMM-1000A2	1000±10	0.758	1.09	1.45	1.99
GAU6-SMMSMM-600A2	600±10	0.517	0.745	0.98	1.35
GAU6-SMMSMM-500A2	500±10	0.457	0.658	0.864	1.19

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