



* 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	Right Angle
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	3506 Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 6 GHz
Return Loss/VSWR	1.25 to 6 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	90att @ 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	ePTFE
Jacket	FEP
Capacitance(pF/m)	94
Velocity of propagation(%)	82
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.2

Part Number List

Part Number	Length [mm]	Insertion Loss \leq (dB)	
		3GHz	6GHz
GAU2-SMMSMWM-10000	10000 \pm 50	13.2	16.5
GAU2-SMMSMWM-1000	1000 \pm 10	1.4	1.82
GAU2-SMMSMWM-800	800 \pm 8	1.16	1.52
GAU2-SMMSMWM-500	500 \pm 5	0.785	1.05
GAU2-SMMSMWM-300	300 \pm 5	0.53	0.68
GAU2-SMMSMWM-260	260 \pm 5	0.48	0.63
GAU2-SMMSMWM-200	200 \pm 5	0.404	0.56
GAU2-SMMSMWM-100	100 \pm 5	0.27	0.35

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