



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

Configuration

Connector 1 Type	SSMA Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Stainless Steel
Connector 1 Mount Method	None
Connector 2 Type	SSMA Male
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Stainless Steel
Connector 2 Mount Method	None
Cable Type	210P Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 18 GHz
Return Loss/VSWR	1.3
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 +85°C
2011/65/EU(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

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		5GHz	6GHz	10GHz	18GHz
GAU6-SSMAMSSMAM-5000	5000±25	4.17	4.61	6.06	8.45

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