



* 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	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	SMA Female
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	205A Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 18 GHz
Return Loss/VSWR	1.3 to 18 GHz
Phase Stability vs. Flexure	1°@ 10GHz,2°@ 18GHz,
Amplitude Stability	N/A
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On request
Signal Delay	On request
Power Handling	350watt @ 5GHz 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	Low Density PTFE
Jacket	FEP
Capacitance(pF/m)	80.4
Velocity of propagation(%)	83
Min. bending radius(mm)	6.35
Jacket Diameter(mm)	5.21±0.13

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)		
		6GHz	10GHz	18GHz
GAA3-SMFSMF-10000	10000±50	5.98	7.82	10.64
GAA3-SMFSMF-5000	5000±50	3.11	4.05	5.51
GAA3-SMFSMF-4000	4000±40	2.53	3.31	4.48
GAA3-SMFSMF-3000	3000±30	1.95	2.54	3.46
GAA3-SMFSMF-2000	2000±20	1.37	1.79	2.45
GAA3-SMFSMF-1000	1000±10	0.79	1.04	1.41
GAA3-SMFSMF-800	800±10	0.68	0.89	1.22
GAA3-SMFSMF-500	500±10	0.57	0.66	0.92
GAA3-SMFSMF-200	200±10	0.36	0.47	0.59

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