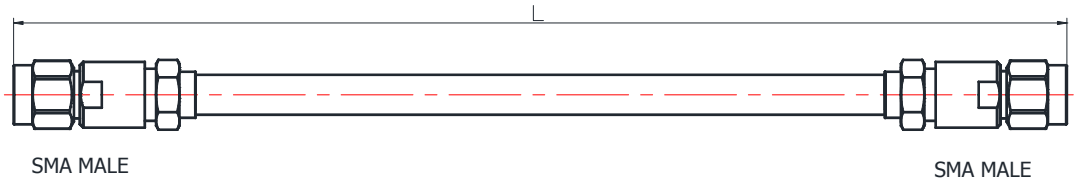
CABLE ASSEMBLY DATASHEET	Gwave
SFT-205, FLEXIBLE CABLE, SMA(MALE)- SMA(MALE)	**GAT3-SMMSMM-XXX**



* 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	SFT-205

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	320watt @ 5GHz at sea level,VSWR1.0

Environmental Data

Temperature Range	-40°C to +165°C
2002/95/EC(RoHS)	Compliant

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Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Low Density PTFE
Jacket	FEP
Capacitance(pF/m)	87.7
Velocity of propagation(%)	76
Min. bending radius(mm)	25.4
Jacket Diameter(mm)	5.21

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		3GHz	6GHz	10GHz	18GHz
GAT3-SMMSMM-10000	10000±30	5.02	7.19	9.35	11.62
GAT3-SMMSMM-8000	8000±30	4.046	5.792	7.52	9.35
GAT3-SMMSMM-6000	6000±30	3.072	4.394	5.69	7.07
GAT3-SMMSMM-3000	3000±30	1.611	2.297	2.945	3.661
GAT3-SMMSMM-2000	2000±20	1.124	1.174	2.03	2.524
GAT3-SMMSMM-1500	1500±15	0.881	1.25	1.573	1.96
GAT3-SMMSMM-1000	1000±10	0.637	0.899	1.115	1.387
GAT3-SMMSMM-500	500±10	0.39	0.55	0.66	0.82