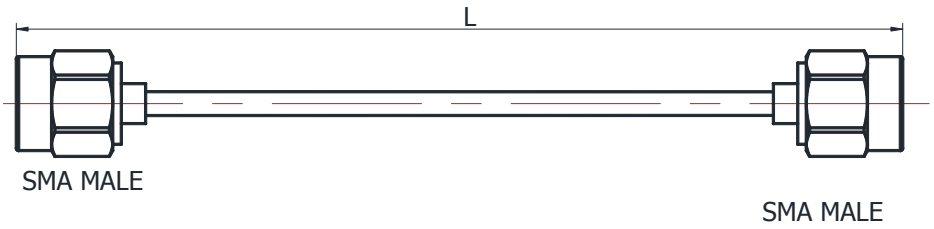
CABLE ASSEMBLY DATASHEET	Gwave®
141 SERIES, SEMI-FLEX CABLE , SMA(MALE)- SMA(MALE)	**GA722-SMMSMM-XXX**



* 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	GUT-141-Form-FEP

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 26.5 GHz
Return Loss/VSWR	1.25 to 18 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	182Watt @ 5GHz at Sea Level,VSWR1.0

Environmental Data

Temperature Range	-40°C to +125°C
2002/95/EC(RoHS)	Compliant

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Cable Specifications

Center Conductor	Silver plated copperweld
Dielectric	Solid PTFE
Jacket	FEP
Capacitance(pF/m)	95.1
Velocity of propagation(%)	70
Min. bending radius(mm)	10
Jacket Diameter(mm)	4.6±0.13

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		1GHz	5GHz	10GHz	18GHz
GA722-SMMSMM-1000	1000±10	0.48	1.11	1.67	2.35
GA722-SMMSMM-800	800±8	0.41	0.93	1.39	1.96
GA722-SMMSMM-600	600±6	0.33	0.75	1.13	1.58
GA722-SMMSMM-500	500±5	0.29	0.655	0.985	1.38
GA722-SMMSMM-400	400±5	0.255	0.56	0.86	1.19
GA722-SMMSMM-300	300±5	0.22	0.47	0.72	0.985
GA722-SMMSMM-260	260±5	0.198	0.436	0.656	0.91
GA722-SMMSMM-200	200±5	0.176	0.382	0.574	0.79
GA722-SMMSMM-100	100±5	0.138	0.291	0.437	0.59