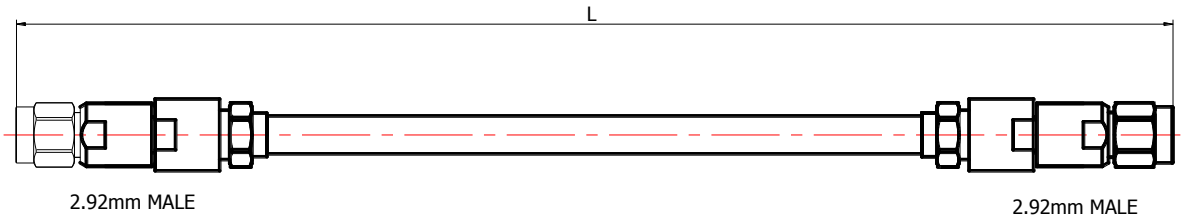
CABLE ASSEMBLY DATASHEET	Gwave®
210B SERIES, FLEXIBLE CABLE, 2.92MM(MALE)- 2.92MM(MALE)	**GAU8-292M292M-XXX**



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

Configuration

Connector 1 Type	2.92mm Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	2.92mm Male
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	210B Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 26.5 GHz
Return Loss/VSWR	1.35 to 26.5 GHz
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 +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)	86
Velocity of propagation(%)	77
Min. bending radius(mm)	9.65
Jacket Diameter(mm)	5.33±0.13

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		6GHz	10GHz	18GHz	26.5GHz
GAU8-292M292M-12000	12000±30	10.72	14.19	19.76	24.70
GAU8-292M292M-10000	10000±30	8.97	11.87	16.53	20.66
GAU8-292M292M-8000	8000±30	7.22	9.56	13.30	16.62
GAU8-292M292M-6000	6000±30	5.47	7.24	10.07	12.58
GAU8-292M292M-3000	3000±30	2.85	3.76	5.23	6.52
GAU8-292M292M-2000	2000±20	1.97	2.61	3.62	4.50
GAU8-292M292M-1500	1500±15	1.54	2.03	2.81	3.49
GAU8-292M292M-1200	1200±12	1.27	1.68	2.32	2.89
GAU8-292M292M-1000	1000±10	1.09	1.45	1.99	2.48
GAU8-292M292M-600	600±10	0.745	0.98	1.35	1.68
GAU8-292M292M-500	500±10	0.658	0.864	1.19	1.47

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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