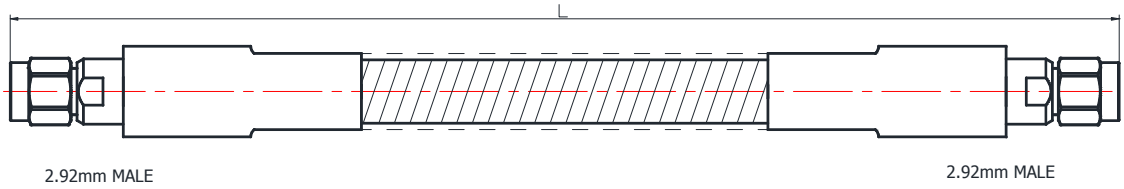
CABLE ASSEMBLY DATASHEET	Gwave
MUA165SD PJA, FLEXIBLE CABLE, 2.92MM(MALE)-2.92MM(MALE)	**GAU4-292M292M-XXXA3**



* 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	MUA165SD PJA

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 40 GHz
Return Loss/VSWR	1.35 to 40 GHz
Phase Stability vs. Flexure	5°@ 18GHz
Amplitude Stability	N/A
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On Request
Signal Delay	On Request
Power Handling	220Watt @ 5GHz at Sea Level,VSWR1.0

Environmental Data

Temperature Range	-40°C to +80°C
2002/95/EC(RoHS)	Compliant

Cable Specifications

Center Conductor	Silver plated copper(0.94mm)
Dielectric	Low Density PTFE(2.80mm)
Inner Shield	SPCS(3.05mm)
Outer Shield	SPC(3.45mm)
Jacket	FEP(4.20mm)
Capacitance(pF/m)	86
Velocity of propagation(%)	80
Armor Diameter(mm)	5.30
Armor Type	Polyester
Min. bending radius(mm)	10

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		10GHz	18GHz	26.5GHz	40GHz
GAU4-292M292M-10000A3	10000±100	13.2	16.9	20.8	26.1
GAU4-292M292M-8000A3	8000±30	10.56	13.65	16.7	20.7
GAU4-292M292M-3000A3	3000±30	4.14	5.21	6.42	7.91
GAU4-292M292M-2500A3	2500±20	3.49	4.38	5.35	6.73
GAU4-292M292M-2000A3	2000±20	2.85	3.55	4.32	5.45
GAU4-292M292M-1500A3	1500±15	2.22	2.76	3.31	4.23
GAU4-292M292M-1200A3	1200±12	1.83	2.16	2.72	3.46
GAU4-292M292M-1000A3	1000±10	1.57	1.83	2.31	2.95
GAU4-292M292M-600A3	600±10	1.06	1.35	1.66	2.16
GAU4-292M292M-500A3	500±10	0.93	1.02	1.25	1.65