



\* 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	210A Series

### Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 26.5 GHz
Return Loss/VSWR	1.35 to 26.5 GHz
Phase Stability vs. Flexure	3°@ 10GHz,5°@ 18GHz
Amplitude Stability	N/A
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On Request
Signal Delay	On Request
Power Handling	200watt @ 20GHz 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)	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
GAU7-292M292M-12000	12000±30	8.21	10.95	15.41	19.42
GAU7-292M292M-10000	10000±30	6.88	9.17	12.89	16.26
GAU7-292M292M-8000	8000±30	5.55	7.41	10.4	13.11
GAU7-292M292M-6000	6000±30	4.22	5.62	7.89	9.95
GAU7-292M292M-3000	3000±30	2.22	2.95	4.14	5.21
GAU7-292M292M-2000	2000±20	1.56	2.06	2.89	3.63
GAU7-292M292M-1500	1500±15	1.22	1.62	2.26	2.84
GAU7-292M292M-1200	1200±12	1.02	1.35	1.89	2.36
GAU7-292M292M-1000	1000±10	0.89	1.18	1.64	2.05
GAU7-292M292M-600	600±10	0.62	0.82	1.14	1.42
GAU7-292M292M-500	500±10	0.56	0.73	1.01	1.25

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