



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

Configuration

Connector 1 Type	3.5mm Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	3.5mm Female
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

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

Armor Specifications

Armor Type	Stainless Steel Interlocked Hose
Min. bending radius(mm)	50.8
Diameter(mm)	9.5

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		6GHz	10GHz	18GHz	26.5GHz
GAU8-35M35F-12000A2	12000±30	10.72	14.19	19.76	24.70
GAU8-35M35F-10000A2	10000±30	8.97	11.87	16.53	20.66
GAU8-35M35F-8000A2	8000±30	7.22	9.56	13.30	16.62
GAU8-35M35F-6000A2	6000±30	5.47	7.24	10.07	12.58
GAU8-35M35F-3000A2	3000±30	2.85	3.76	5.23	6.52
GAU8-35M35F-2000A2	2000±20	1.97	2.61	3.62	4.50
GAU8-35M35F-1500A2	1500±15	1.54	2.03	2.81	3.49
GAU8-35M35F-1200A2	1200±12	1.27	1.68	2.32	2.89
GAU8-35M35F-1000A2	1000±10	1.09	1.45	1.99	2.48
GAU8-35M35F-600A2	600±10	0.745	0.98	1.35	1.68
GAU8-35M35F-500A2	500±10	0.658	0.864	1.19	1.47

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