



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

Configuration

Connector 1 Type	3.5mm Female
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	210A 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	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 +80°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	Polyurethane Jacket Over Braid Stainless Steel Spiral
Min. bending radius(mm)	25.4
Diameter(mm)	10.8

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		6GHz	10GHz	18GHz	26.5GHz
GAU7-35F35F-12000A1	12000±30	8.21	10.95	15.41	19.42
GAU7-35F35F-10000A1	10000±30	6.88	9.17	12.89	16.26
GAU7-35F35F-8000A1	8000±30	5.55	7.41	10.4	13.11
GAU7-35F35F-6000A1	6000±30	4.22	5.62	7.89	9.95
GAU7-35F35F-3000A1	3000±30	2.22	2.95	4.14	5.21
GAU7-35F35F-2000A1	2000±20	1.56	2.06	2.89	3.63
GAU7-35F35F-1500A1	1500±15	1.22	1.62	2.26	2.84
GAU7-35F35F-1200A1	1200±12	1.02	1.35	1.89	2.36
GAU7-35F35F-1000A1	1000±10	0.89	1.18	1.64	2.05
GAU7-35F35F-800A1	800±10	0.75	0.99	1.38	1.73
GAU7-35F35F-600A1	600±10	0.62	0.82	1.14	1.42
GAU7-35F35F-500A1	500±10	0.56	0.73	1.01	1.25

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