



* 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	205A 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	1°@ 10GHz, 2°@ 18GHz,
Amplitude Stability	N/A
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On request
Signal Delay	On request
Power Handling	350watt @ 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)	80.4
Velocity of propagation(%)	83
Min. bending radius(mm)	6.35
Jacket Diameter(mm)	5.21±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
GAA3-35F35F-10000A2	10000±50	5.98	7.82	10.64	13.1
GAA3-35F35F-5000A2	5000±50	3.11	4.05	5.51	6.78
GAA3-35F35F-4000A2	4000±40	2.53	3.31	4.48	5.52
GAA3-35F35F-3000A2	3000±30	1.95	2.54	3.46	4.26
GAA3-35F35F-2000A2	2000±20	1.37	1.79	2.45	2.98
GAA3-35F35F-1000A2	1000±10	0.79	1.04	1.41	1.73
GAA3-35F35F-800A2	800±10	0.68	0.89	1.22	1.48
GAA3-35F35F-500A2	500±10	0.57	0.66	0.92	1.12
GAA3-35F35F-200A2	200±10	0.36	0.47	0.59	0.77

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