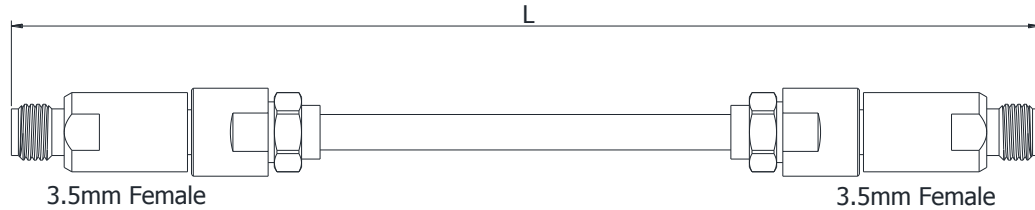


210P SERIES, FLEXIBLE CABLE ,  
3.5MM(FEMALE)- 3.5MM(FEMALE)**GAU6-35F35F-XXX**

\* 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	210P Series

### Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 26.5 GHz
Return Loss/VSWR	1.25 to 18 GHz 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 +85°C
RoHS	Compliant

### Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Low Density PTFE
Jacket	Polyurethane
Capacitance(pF/m)	86
Velocity of propagation(%)	77
Min. bending radius(mm)	9.65
Jacket Diameter(mm)	5.5±0.13

### Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)				
		3GHz	6GHz	10GHz	18GHz	26.5GHz
GAU6-35F35F-12000	12000±30	7.39	10.72	14.19	19.76	24.70
GAU6-35F35F-10000	10000±30	6.18	8.97	11.87	16.53	20.66
GAU6-35F35F-8000	8000±30	4.98	7.22	9.56	13.3	16.62
GAU6-35F35F-6000	6000±30	3.77	5.47	7.24	10.07	12.58
GAU6-35F35F-3000	3000±30	1.97	2.85	3.76	5.23	6.52
GAU6-35F35F-2000	2000±20	1.36	1.97	2.61	3.62	4.50
GAU6-35F35F-1500	1500±15	1.06	1.54	2.03	2.81	3.49
GAU6-35F35F-1200	1200±12	0.88	1.27	1.68	2.32	2.89
GAU6-35F35F-1000	1000±10	0.758	1.09	1.45	1.99	2.48
GAU6-35F35F-600	600±10	0.517	0.745	0.98	1.35	1.68
GAU6-35F35F-500	500±10	0.457	0.658	0.864	1.19	1.47

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