



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

Configuration

Connector 1 Type	1.0mm Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	1.0mm Female
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	U20 Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 110 GHz
Return Loss/VSWR	1.44
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-90dB @ 1GHz
Phase Matching	On request
Signal Delay	On request

Environmental Data

Temperature Range	-50°C to +125°C
2011/65/EU(RoHS)	Compliant

Cable Specifications

Center Conductor	Silver plated copper
Dielectric	LD PTFE
Jacket	FEP
Velocity of propagation(%)	76
Min. bending radius(mm)	20
Jacket Diameter(mm)	2.0

Armor Specifications

Armor Type	Stainless steel wire covered by Tin plated copper wire and nomex braid
Min. bending radius(mm)	25
Diameter(mm)	5

Part Number List

Part Number	Length [mm]	Insertion Loss $\leq$ (dB)					
		6GHz	18GHz	26.5GHz	40GHz	67GHz	110GHz
GAU20-10M10F-1000A3	1000 $\pm$ 10	2.96	5.21	6.38	7.93	10.44	13.49
GAU20-10M10F-800A3	800 $\pm$ 5	2.39	4.21	5.15	6.40	8.44	10.86
GAU20-10M10F-600A3	600 $\pm$ 5	1.82	3.21	3.93	4.88	6.43	8.23
GAU20-10M10F-400A3	400 $\pm$ 5	1.26	2.21	2.71	3.36	4.43	5.61
GAU20-10M10F-200A3	200 $\pm$ 3	0.69	1.22	1.49	1.84	2.42	2.98
GAU20-10M10F-150A3	150 $\pm$ 3	0.55	0.97	1.19	1.46	1.92	2.32

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