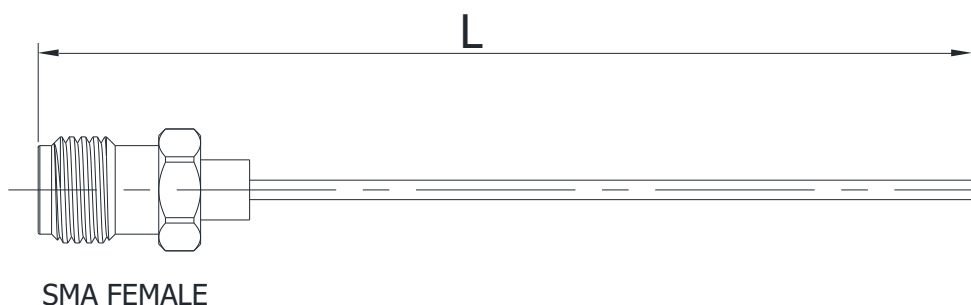




SMA FEMALE

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

Configuration

Connector 1 Type	SMA Female
Connector 1 Body Style	Straight
Body Material and Plating	Brass Gold Plated
Connector 1 Mount Method	None
Cable Type	GT3657

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 18 GHz
Return Loss/VSWR	1.35
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	-40°C to +125°C
2011/65/EU(RoHS)	Compliant

Cable Specifications

Center Conductor	Silver plated copper
Dielectric	ePTFE
Jacket	Gray PFA
Velocity of propagation(%)	75
Min. bending radius(mm)	8
Jacket Diameter(mm)	1.50

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)		
		3GHz	6GHz	18GHz
GAU12V-SMF000-1000	1000±10	2.159	3.074	5.418
GAU12V-SMF000-500	500±5	1.166	1.66	2.921
GAU12V-SMF000-300	300±3	0.769	1.094	1.923
GAU12V-SMF000-200	200±3	0.571	0.811	1.443
GAU12V-SMF000-100	100±3	0.372	0.528	0.924

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