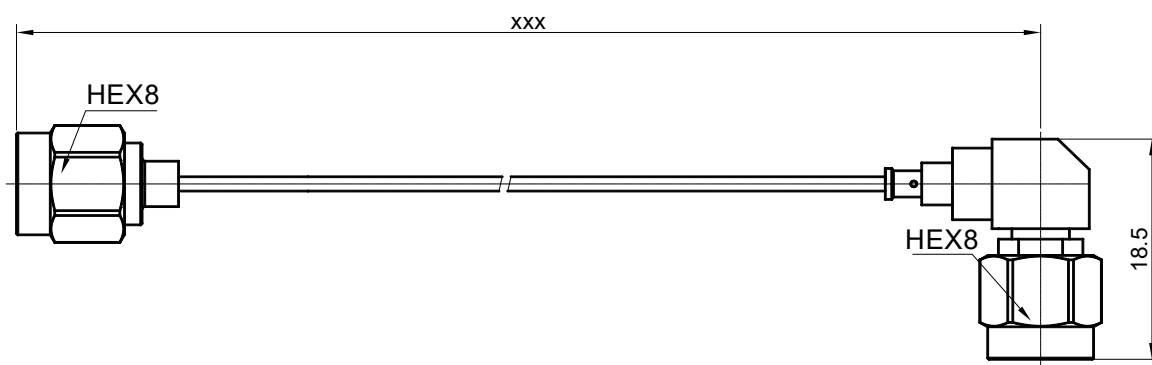




* Label and Shrinking tube design depend on customer's request.

Configuration

Connector 1 Type	SMA Male
Connector 1 Body Style	Straight
Body Material and Plating	Stainless Steel
Connector 1 Mount Method	None
Connector 2 Type	SMA Male
Connector 2 Body Style	Right Angle
Body Material and Plating	Stainless Steel
Connector 2 Mount Method	None
Cable Type	3506 Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 18 GHz
VSWR/Return Loss	≤ 1.35 to 18 GHz
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-90dB @ 1GHz
Phase Matching	On request
Signal Delay	On request
Power Handling	10watt @ 2GHz 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	ePTFE
Jacket	FEP
Capacitance(pF/m)	94
Velocity of propagation(%)	82
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.2

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)
		18GHz
GAU2-SMMSMWM1-5000	5000 ± 10	14.78
GAU2-SMMSMWM1-3000	3000 ± 10	9.04
GAU2-SMMSMWM1-2000	2000 ± 10	6.17
GAU2-SMMSMWM1-1000	1000 ± 10	3.3
GAU2-SMMSMWM1-800	800 ± 5	2.73
GAU2-SMMSMWM1-700	700 ± 5	2.44
GAU2-SMMSMWM1-500	500 ± 5	1.86
GAU2-SMMSMWM1-400	400 ± 3	1.58
GAU2-SMMSMWM1-300	300 ± 3	1.29
GAU2-SMMSMWM1-200	200 ± 3	1
GAU2-SMMSMWM1-100	100 ± 3	0.72

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.