



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

Configuration

Connector 1 Type	1.0 Male
Connector 1 Body Style	Straight
Body Material and Plating	Stainless Steel
Connector 1 Mount Method	None
Connector 2 Type	1.0 Male
Connector 2 Body Style	Straight
Body Material and Plating	Stainless Steel
Connector 2 Mount Method	None
Cable Type	IW0471 Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 110 GHz
Return Loss/VSWR	1.50
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	>90dB @ 18GHz
Phase Matching	On request
Signal Delay	On request
Power Handling	25watt @ 2GHz at sea level,VSWR1.0

Environmental Data

Temperature Range	-65°C to +165°C
2002/95/EC(RoHS)	Compliant

Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Solid PTEE
Jacket	FEP
Capacitance(pF/m)	95
Velocity of propagation(%)	71
Min. bending radius(mm)	1.6
Jacket Diameter(mm)	1.45

Part Number List

Part Number	Length [mm]	Insertion Loss \leq (dB)
		110GHz
GAW4-10M10M-1000	1000 \pm 10	19
GAW4-10M10M-500	500 \pm 10	11
GAW4-10M10M-200	200 \pm 10	6.04
GAW4-10M10M-100	100 \pm 10	4.42

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