



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

Configuration

Connector 1 Type	N Male
Connector 1 Body Style	Straight
Body Material and Plating	Brass Nickel Plated
Connector 1 Mount Method	None
Connector 2 Type	QMA Male
Connector 2 Body Style	Right Angle
Body Material and Plating	Brass Nickel Plated
Connector 2 Mount Method	None
Cable Type	GUT-085(TIN/Copper)

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 6 GHz
Return Loss/VSWR	1.25 to 3 GHz
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On request
Signal Delay	On request
Power Handling	89watt @ 3GHz at sea level,VSWR1.0

Environmental Data

Temperature Range	-40°C to +165°C
2011/65/EU(RoHS)	Compliant

Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Solid extruded PTFE
Outer Conductor	TIN/Copper
Capacitance(pF/m)	94
Velocity of propagation(%)	70
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.2

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)
		3GHz
GA710X-NMQMAWM-1000	1000±10	1.33
GA710X-NMQMAWM-500	500±5	0.785
GA710X-NMQMAWM-300	300±5	0.53
GA710X-NMQMAWM-200	200±5	0.404
GA710X-NMQMAWM-100	100±5	0.27

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