



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

## Configuration

Connector 1 Type	N Female
Connector 1 Body Style	Straight
Body Material and Plating	Brass Nickel Plated
Connector 1 Mount Method	4 Hole Flange
Connector 2 Type	QMA Male
Connector 2 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 2 Mount Method	None
Cable Type	GUT-085-Form-FEP

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 3 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 +125°C
2002/95/EC(RoHS)	Compliant

## Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Solid extruded PTFE
Jacket	EPI205,Blue
Capacitance(pF/m)	94
Velocity of propagation(%)	70
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.54

## Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)	
		1GHz	3GHz
GA712-NFFSMM-1000	1000±10	0.48	1.33
GA712-NFFSMM-500	500±5	0.29	0.785
GA712-NFFSMM-300	300±5	0.22	0.53
GA712-NFFSMM-200	200±5	0.176	0.404
GA712-NFFSMM-100	100±5	0.138	0.291

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