



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

## Configuration

Connector 1 Type	GPO Female
Connector 1 Body Style	Straight
Body Material and Plating	CuBe Gold Plated
Connector 1 Mount Method	None
Connector 2 Type	GPO Female
Connector 2 Body Style	Straight
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	RG316

## 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	<-80dB @ 1GHz
Phase Matching	On request
Signal Delay	On request
Power Handling	88watt @ 1.5GHz at sea level,VSWR1.0

## Environmental Data

Temperature Range	-55°C to +165°C
2002/95/EC(RoHS)	Compliant

## Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Solid extruded PTFE
Jacket	FEP
Capacitance(pF/m)	94
Velocity of propagation(%)	70
Min. bending radius(mm)	15
Jacket Diameter(mm)	2.54

## Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)	
		1GHz	3GHz
GAR3-GPFGPF-1000	1000±10	1.05	1.75
GAR3-GPFGPF-500	500±5	0.65	1.04
GAR3-GPFGPF-300	300±5	0.41	0.65
GAR3-GPFGPF-100	100±5	0.28	0.43

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