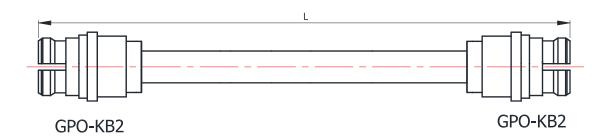
CABLE ASSEMBLY DATASHEET



RG316, FLEXIBLE CABLE, GPO(SMP)(FEMALE)-GPO(SMP) (FEMALE)

GAR3-GPFGPF-XXX



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

Configuration			
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 Specification			
Impedance	50 Ω		
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		

Gwave Technology Co.,	Ltd.	J.
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No.33 Building, Hanjiachuan Yard, Haidian District, Beijing

China(100094) www.gwave-tech.com Tel.: +86 10 62450051/52 Fax: +86 10 62450053 Email: gwave@gwave-tech.com Page

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CABLE ASSEMBLY DATASHEET



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GAR3-GPFGPF-XXX

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

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.

Gwave Technology Co.,Ltd.

No.33 Building,Hanjiachuan Yard,Haidian District,Beijing
China(100094) www.gwave-tech.com

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Email: gwave@gwave-tech.com

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