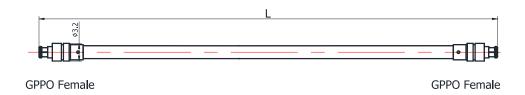
CABLE ASSEMBLY DATASHEET



405 SERIES, FLEXIBLE CABLE, GPPO(MINI-SMP)(FEMALE)- GPPO (FEMALE)

GAH71-GPPFGPPF-XXX



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

Configuration					
Connector 1 Type	GPPO(Mini-SMP) Female				
Connector 1 Body Style	Straight				
Body Material and Plating	CuBe Gold Plated				
Connector 1 Mount Method	None				
Connector 2 Type	GPPO(Mini-SMP) Female				
Connector 2 Body Style	Straight				
Body Material and Plating	CuBe Gold Plated				
Connector 2 Mount Method	None				
Cable Type	405 Series				
Electrical Specification					
Impedance	50 Ω				
Frequency	DC to 40 GHz				
Return Loss/VSWR	10 dB to 40 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				
2002/95/EC(RoHS)	Compliant				

Gwave Technology Inc.
4th Floor, New Material Plaza, Yongfeng Hi-Tech Base, Haidian
District, Beijing , China (100094) www.gwave-tech.com

Tel.: +86 10 86484190 Fax: +86 10 86484190-0 email: gwave@gwave-tech.com

CABLE ASSEMBLY DATASHEET



405 SERIES, FLEXIBLE CABLE, GPPO(MINI-SMP)(FEMALE)- GPPO (FEMALE)

GAH71-GPPFGPPF-XXX

Cable Specifications				
Center Conductor	Silver plated copper			
Dielectric	Solid PTFE			
Jacket	FEP			
Capacitance(pF/m)	96.1			
Velocity of propagation(%)	70			
Min. bending radius(mm)	6.35			
Jacket Diameter(mm)	2.64±0.13			

Part Number List

Dart Number	Longth [mm]	Insertion Loss ≤(dB)			
Part Number	Length [mm]	3GHz	10GHz	18GHz	40G
GAH71-GPPFGPPF-1000	1000±10	1.33	2.71	3.65	6.92
GAH71-GPPFGPPF-500	500±10	0.785	1.42	2.15	3.82
GAH71-GPPFGPPF-300	300±10	0.53	0.96	1.49	2.56
GAH71-GPPFGPPF-200	200±5	0.404	0.74	1.16	1.94
GAH71-GPPFGPPF-100	100±5	0.27	0.52	0.83	1.32

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 Inc. 4th Floor,New Material Plaza,Yongfeng Hi-Tech Base,Haidian District,Beijing ,China(100094) www.gwave-tech.com Tel.: +86 10 86484190 Fax: +86 10 86484190-0 email: gwave@gwave-tech.com

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