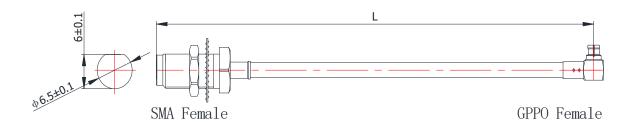
CABLE ASSEMBLY DATASHEET



405 SERIES, FLEXIBLE CABLE, SMA(FEMALE)-GPPO(FEMALE)

GAH71-SMYFGPPWF-XXX-R



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

Configuration				
Connector 1 Type	SMA Female			
Connector 1 Body Style	Straight			
Body Material and Plating	Brass Gold Plated			
Connector 1 Mount Method	Bulkhead			
Connector 2 Type	GPPO(Mini-SMP) Female			
Connector 2 Body Style	Right Angle			
Body Material and Plating	CuBE Gold Plated			
Connector 2 Mount Method	None			
Cable Type	405 Series			
Electrical Specifications				
Impedance	50 Ω			
Frequency	DC to 18 GHz			
Return Loss/VSWR	14dB			
Phase Stability vs. Flexure	N/A			
Amplitude Stability	N/A			
Shielding Effectiveness	<-100dB @ 1GHz			
Phase Matching	On request			
Signal Delay	On request			
Power Handling	110watt @ 2GHz at sea level,VSWR1.0			
Environmental Data				
Temperature Range	-40°C to +165°C			
2011/65/EU(RoHS)	Compliant			

Temperature Range	-40°C to +165°C
2011/65/EU(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, SMA(FEMALE)-GPPO(FEMALE)

GAH71-SMYFGPPWF-XXX-R

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

Part Number	Length [mm]	Insertion Loss ≤(dB)	
		10GHz	18GHz
GAH71-SMYFGPPWF-300-R	300±5	0.96	1.49
GAH71-SMYFGPPWF-200-R	200±5	0.74	1.16
GAH71-SMYFGPPWF-100-R	100±5	0.52	0.83

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.

Tel.: +86 10 86484190

Fax: +86 10 86484190-0

email: gwave@gwave-tech.com

Page

2/2