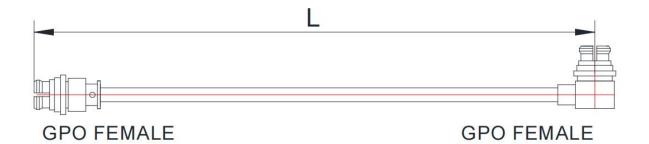
#### CABLE ASSEMBLY DATASHEET



# GT3657, FLEXIBLE CABLE, GPO(FEMALE)- GPO(FEMALE)

## **GAU12V-GPFGPWF-XXX**



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

Connector 1 Type	GPO(SMP) Female				
Connector 1 Body Style		Straight			
Body Material and Plating		CuBe gold plated			
Connector 1 Mount Method	None				
Connector 2 Type	GPO(SMP) Female				
Connector 2 Body Style	Right Angle	, ,			
Body Material and Plating	CuBe gold plated				
Connector 2 Mount Method	None				
Cable Type	GT3657				
Electrical Specificati	ions				
<b>Electrical Specificati</b>	ions				
Electrical Specificati Impedance	i <b>ons</b> 50 Ω				
<b>-</b>					
Impedance	50 Ω				
Impedance Frequency	50 Ω DC to 40 GHz				
Impedance Frequency Return Loss/VSWR	50 Ω DC to 40 GHz 10dB				
Impedance Frequency Return Loss/VSWR Phase Stability vs. Flexure	50 Ω DC to 40 GHz 10dB N/A				
Impedance Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability	50 Ω DC to 40 GHz 10dB N/A N/A				
Impedance Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness	50 Ω  DC to 40 GHz  10dB  N/A  N/A  <-90dB @ 1GHz				
Impedance Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness Phase Matching	50 Ω  DC to 40 GHz  10dB  N/A  N/A  <-90dB @ 1GHz  On request  On request				
Impedance Frequency Return Loss/VSWR Phase Stability vs. Flexure Amplitude Stability Shielding Effectiveness Phase Matching Signal Delay	50 Ω  DC to 40 GHz  10dB  N/A  N/A  <-90dB @ 1GHz  On request  On request				

Gwave Technology Inc.

4<sup>th</sup> 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 Page

1/2

#### CABLE ASSEMBLY DATASHEET



# GT3657, FLEXIBLE CABLE, GPO(FEMALE)- GPO(FEMALE)

### **GAU12V-GPFGPWF-XXX**

Cable Specifications				
Center Conductor	Silver plated copper			
Dielectric	ePTFE			
Jacket	Gray PFA			
Velocity of propagation(%)	75			
Min. bending radius(mm)	8			
Jacket Diameter(mm)	1.50			

### **Part Number List**

Dout Number	Length [mm]	Insertion Loss ≤(dB)			
Part Number Length [mi		3GHz	6GHz	18GHz	40GHz
GAU12V-GPFGPWF-1000	1000±10	2.211	3.148	5.545	8.426
GAU12V-GPFGPWF-500	500±5	1.218	1.734	3.048	4.624
GAU12V-GPFGPWF-300	300±5	0.821	1.171	2.050	3.103
GAU12V-GPFGPWF-200	200±5	0.623	0.885	1.570	2.343
GAU12V-GPFGPWF-100	100±5	0.424	0.602	1.051	1.528

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.