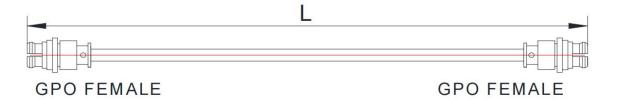
CABLE ASSEMBLY DATASHEET



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

GAU12V-GPFGPF-XXX



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

Configuration				
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	Straight			
Body Material and Plating	CuBe gold plated			
Connector 2 Mount Method	None			
Cable Type	GT3657			
Electrical Specifications				
Impedance	50 Ω			
Frequency	DC to 40 GHz			
Return Loss/VSWR	10dB			
Phase Stability vs. Flexure	N/A			
Amplitude Stability	N/A			
Shielding Effectiveness	<-90dB @ 1GHz			
Phase Matching	On request			
Signal Delay	On request			
Environmental Data				
Temperature Range	-40°C to +125°C			
2011/65/EU(RoHS)	Compliant			

Gwave	Techno	logy	Inc.
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CABLE ASSEMBLY DATASHEET



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

GAU12V-GPFGPF-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

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		3GHz	6GHz	18GHz	40GHz
GAU12V-GPFGPF-1000	1000±10	2.159	3.074	5.418	8.237
GAU12V-GPFGPF-500	500±5	1.166	1.660	2.921	4.435
GAU12V-GPFGPF-300	300±5	0.769	1.094	1.923	2.914
GAU12V-GPFGPF-200	200±5	0.571	0.811	1.443	2.154
GAU12V-GPFGPF-100	100±5	0.372	0.528	0.924	1.393

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.