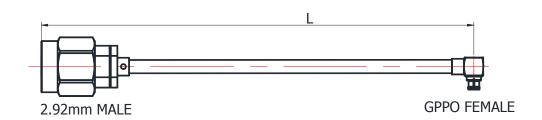
### CABLE ASSEMBLY DATASHEET



086 SERIES, SEMI-FLEX CABLE, 2.92MM(MALE)- GPPO(MINI-SMP)(FEMALE)

# GA712-292MGPPWF-XXX



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

Configuration						
Connector 1 Type	2.92mm Male					
Connector 1 Body Style	Straight					
Body Material and Plating	Passivated Staindless Steel					
Connector 1 Mount Method	None					
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	GUT-085-Form-FEP					
Electrical Specifications Impedance 50 Ω						
Frequency	DC to 40GHz					
Return Loss/VSWR	10dB 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	Techno	ology	Co.,	Ltd.
-------	--------	-------	------	------

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

#### CABLE ASSEMBLY DATASHEET



086 SERIES, SEMI-FLEX CABLE, 2.92MM(MALE)- GPPO(MINI-SMP)(FEMALE)

### GA712-292MGPPWF-XXX

Cable Specifications				
Center Conductor	Silver plated copper			
Dielectric	Solid extruded PTFE			
Jacket	EPI205,Blue			
Capacitance(pF/m)	94			
Velocity of propagation(%)	70			
Min. bending radius(mm)	6			
Jacket Diameter(mm)	2.54			

# **Part Number List**

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		3GHz	10GHz	18GHz	40G
GA712-292MGPPWF-1000	1000±15	1.33	2.71	3.65	6.92
GA712-292MGPPWF-500	500±10	0.785	1.42	2.15	3.82
GA712-292MGPPWF-300	300±10	0.53	0.96	1.49	2.56
GA712-292MGPPWF-200	200±10	0.404	0.74	1.16	1.94
GA712-292MGPPWF-100	100±10	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 Co.,Ltd.

No.33 Building,Hanjiachuan Yard,Haidian District,Beijing
China(100094) <a href="https://www.gwave-tech.com">www.gwave-tech.com</a>

Tel.: +86 10 62450051/52 Fax: +86 10 62450053 Email: gwave@gwave-tech.com Page

2/2