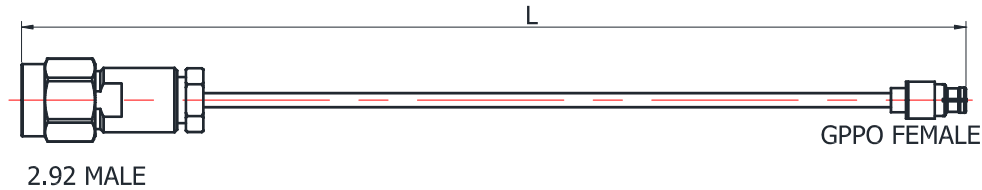


047 SERIES, SEMI-FLEX CABLE,  
2.92MM (MALE)- GPPO(MINI-SMP) (FEMALE)

**GA702-292MGPPF-XXX**



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

<b>Configuration</b>	
Connector 1 Type	2.92 Male
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	GPPO Female
Connector 2 Body Style	Straight
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	GUT-047-Form-FEP
<b>Electrical Specifications</b>	
Impedance	50 $\Omega$
Frequency	DC to 40 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	10watt @ 18GHz at sea level,VSWR1.0
<b>Environmental Data</b>	
Temperature Range	-40°C to +125°C
2002/95/EC(RoHS)	Compliant

## Cable Specifications

Center Conductor	Silver plated copperweld
Dielectric	Solid PTFE
Jacket	FEP
Capacitance(pF/m)	95.1
Velocity of propagation(%)	70
Min. bending radius(mm)	7.63
Jacket Diameter(mm)	1.6

## Part Number List

Part Number	Length [mm]	Insertion Loss $\leq$ (dB)			
		3GHz	10GHz	18GHz	40G
GA702-292MGPPF-1000	1000 $\pm$ 10	1.33	4.03	5.84	9.92
GA702-292MGPPF-500	500 $\pm$ 5	0.785	2.17	3.12	5.82
GA702-292MGPPF-300	300 $\pm$ 5	0.53	1.42	2.03	3.56
GA702-292MGPPF-200	200 $\pm$ 5	0.404	1.05	1.49	2.44
GA702-292MGPPF-100	100 $\pm$ 5	0.27	0.67	0.94	1.62

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