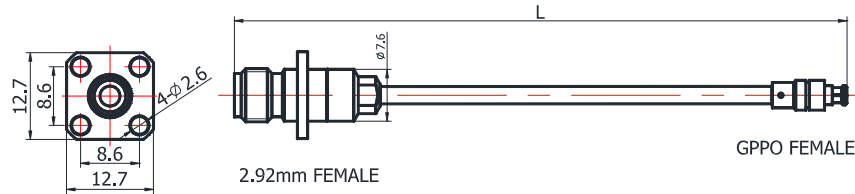


3506 SERIES, FLEXIBLE CABLE,  
2.92MM(FEMALE)- GPPO(MINI-SMP)(FEMALE)

**GAU2-292FFGPPF-XXX**



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

## Configuration

Connector 1 Type	2.92mm Female
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	4 Hole Flange
Connector 2 Type	GPPO Female
Connector 2 Body Style	Straight
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	3506 Series

## Electrical Specifications

Impedance	50 $\Omega$
Frequency	DC to 40 GHz
Return Loss/VSWR	12dB 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	90watt @ 2GHz at sea level,VSWR1.0

## Environmental Data

Temperature Range	-40°C to +165°C
RoHS	Compliant

## Cable Specifications

Center Conductor	Silver plated copper
Dielectric	ePTFE
Jacket	FEP
Capacitance(pF/m)	94
Velocity of propagation(%)	82
Min. bending radius(mm)	6
Jacket Diameter(mm)	2.2

## Part Number List

Part Number	Length [mm]	Insertion Loss $\leq$ (dB)			
		5GHz	10GHz	20GHz	40GHz
GAU2-292FFGPPF-1000	1000 $\pm$ 10	1.7	2.5	3.8	6.9
GAU2-292FFGPPF-800	800 $\pm$ 8	1.4	2.06	3.14	5.66
GAU2-292FFGPPF-600	600 $\pm$ 6	1.09	1.64	2.48	4.32
GAU2-292FFGPPF-500	500 $\pm$ 5	0.95	1.42	2.15	3.82
GAU2-292FFGPPF-300	300 $\pm$ 5	0.65	0.96	1.49	2.56
GAU2-292FFGPPF-260	260 $\pm$ 5	0.59	0.87	1.35	2.31
GAU2-292FFGPPF-200	200 $\pm$ 5	0.51	0.74	1.16	1.94
GAU2-292FFGPPF-100	100 $\pm$ 5	0.35	0.52	0.83	1.32

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