U12 SERIES, FLEXIBLE CABLE	
2MM(FEMALE)-GPPO(MINI-SMP) (	
	1
2.92 FEMALE	GPPO FEMALE
oel and Shrinking tube design depe	end 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	None
Connector 2 Type	GPPO(Mini-SMP) Female
Connector 2 Body Style	Straight
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	U12 Series
	tions
Electrical Specificat	
Electrical Specificat	50 Ω
-	
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                  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                  On request   On request

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Gwave

U12 SERIES, FLEXIBLE CABLE, 2.92MM(FEMALE)-GPPO(MINI-SMP) (FEMALE)

## GAU12-292FGPPF-XXX

## **Cable Specifications**

Center Conductor	Silver plated copper
Dielectric	ePTFE
Jacket	FEP
Velocity of propagation(%)	80
Min. bending radius(mm)	10
Jacket Diameter(mm)	1.85

## **Part Number List**

Part Number	Longth [mm]		Insertion	Loss ≤(dB)	
Part Number	Length [mm]	3GHz	6GHz	18GHz	40GHz
GAU12-292FGPPF-1000	1000±10	2.159	3.074	5.418	8.237
GAU12-292FGPPF-500	500±5	1.166	1.660	2.921	4.435
GAU12-292FGPPF-300	300±5	0.769	1.094	1.923	2.914
GAU12-292FGPPF-200	200±5	0.571	0.811	1.443	2.154
GAU12-292FGPPF-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.

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