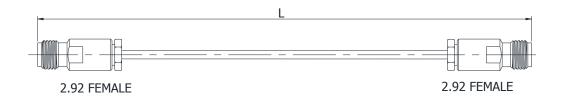
## CABLE ASSEMBLY DATASHEET



U12 SERIES, FLEXIBLE CABLE, 2.92MM(FEMALE)- 2.92MM(FEMALE)

# GAU12-292F292F-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	None			
Connector 2 Type	2.92mm Female			
Connector 2 Body Style	Straight			
Body Material and Plating	Passivated Staindless Steel			
Connector 2 Mount Method	None			
Cable Type	U12 Series			
<b>Electrical Specification</b>	ons			
Impedance	50 Ω			
Frequency	DC to 40 GHz			
Return Loss/VSWR	1.35			
Phase Stability vs. Flexure	N/A			
Amplitude Stability	N/A			
Shielding Effectiveness	<-90dB @ 1GHz			
Phase Matching	On request			
Signal Delay	On request			
<b>Environmental Data</b>				
Temperature Range	-40°C to +125°C			
2002/95/EC(RoHS)	Compliant			

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#### CABLE ASSEMBLY DATASHEET



U12 SERIES, FLEXIBLE CABLE, 2.92MM(FEMALE)- 2.92MM(FEMALE)

### GAU12-292F292F-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**

Dart Number	Length [mm]	Insertion Loss ≤(dB)			
Part Number		3GHz	6GHz	18GHz	40GHz
GAU12-292F292F-1000	1000±10	2.159	3.074	5.418	8.237
GAU12-292F292F-500	500±5	1.166	1.660	2.921	4.435
GAU12-292F292F-300	300±5	0.769	1.094	1.923	2.914
GAU12-292F292F-200	200±5	0.571	0.811	1.443	2.154
GAU12-292F292F-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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