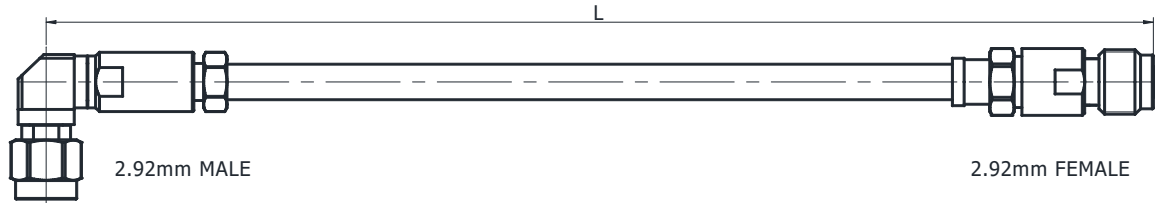


147A SERIES, FLEXIBLE CABLE ,
2.92MM(MALE)- 2.92MM(FEMALE)**GAU1-292WM292F-XXX**

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

Configuration

Connector 1 Type	2.92mm Male
Connector 1 Body Style	Right Angle
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	147A Series

Electrical Specifications

Impedance	50 Ω
Frequency	DC to 40 GHz
Return Loss/VSWR	1.44 to 40 GHz
Amplitude Stability	N/A
Shielding Effectiveness	<-100dB @ 1GHz
Phase Matching	On Request
Signal Delay	On Request
Power Handling	220Watt @ 5GHz at Sea Level,VSWR1.0

Environmental Data

Temperature Range	-40°C to +125°C
2002/95/EC(RoHS)	Compliant

Cable Specifications

Center Conductor	Silver plated copper
Dielectric	Low Density PTFE
Jacket	FEP
Capacitance(pF/m)	86
Velocity of propagation(%)	77
Min. bending radius(mm)	6.35
Jacket Diameter(mm)	3.73

Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		10GHz	18GHz	26.5GHz	40GHz
GAU1-292WM292F-2000	2000±20	2.85	3.55	4.32	5.45
GAU1-292WM292F-1500	1500±15	2.22	2.76	3.31	4.23
GAU1-292WM292F-1200	1200±12	1.83	2.16	2.72	3.46
GAU1-292WM292F-1000	1000±10	1.57	1.83	2.31	2.95
GAU1-292WM292F-600	600±10	1.06	1.35	1.66	2.16
GAU1-292WM292F-500	500±10	0.93	1.02	1.25	1.65

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