P1CA-29M29M-F150-12

RF flexible low loss test cable assembly, 2.92mm Male to 2.92mm Male, 0.15 inch diameter phase stable cable, 12 inch. Frequency DC to 40 GHz, Insertion Loss 1.55 dB max, VSWR 1.35 max.

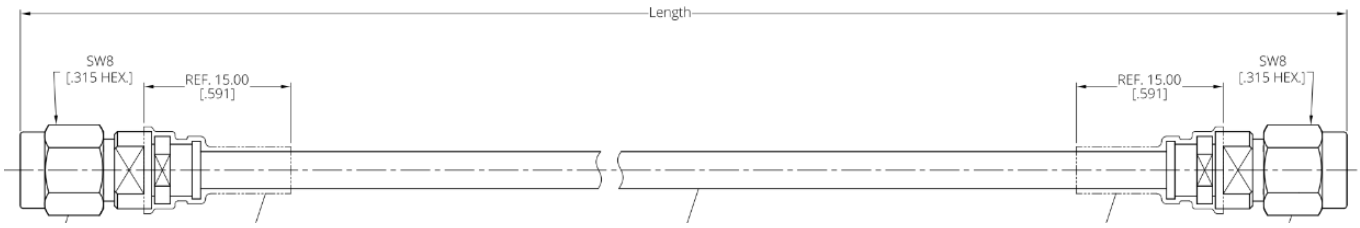
Product Features



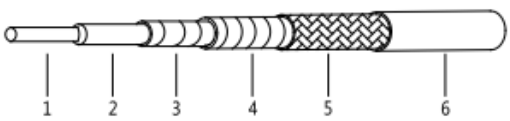
Mechanical And Environmental Specifications:

Parameter	Description	Notes
Connector 1	2.92mm Male	
Connector 2	2.92mm Male	
Length	12.0	
RoHS Compliance	Yes	

Drawing



Graph



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	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	1.02	0.040
2. Dielectric	LD PTFE	2.85	0.112
3.Outer Conductor	Sprial Wrapped Silver Plated Copper Tape	3.06	0.120
4. Interlayer	PTFE	3.22	0.127
5. Outer shields	Silver Plated Copper Braid	3.67	0.144
6. Jacket	Gray FEP	3.80	0.150

Electrical Characteristics	
Impedance	50 ohm
Velocity of Propagation	81%
Operation Frequency (GHz)	40 GHz
Voltage Withstand (V.DC)	1000 V
Capacitance	82 pF/m
Sheilding Effectiveness	90 dB

Mechanical Characteristics	
Min.Bending Radius (mm)	18
Cable Minimum Dynamic Bend Radius(mm)	36
Weight	37 g/m
Operating Temp(℃)	-55~+165

Attenuation & Average Power @ 20℃ and Seal Leavel

Frequency(GHz)	Attenuation		Avg.Power (W)
	dB/1m	dB/1Ft	
0.3	0.173	0.05	940
1.0	0.319	0.10	511
2	0.455	0.14	359
4	0.649	0.20	251
6	0.801	0.24	203
8	0.931	0.28	175
10	1.047	0.32	156
12	1.153	0.35	141
14	1.251	0.38	130
18	1.430	0.44	114
26.5	1.761	0.54	93
40	2.205	0.67	74

Product Notes

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