

Frequency:

Frequency range: 0 to 11 GHz (50Ω)
0 to 1 GHz (75Ω)

VSWR: ≤1.3 (straight connector)
≤ 1.35 (right angle connector)

Insertion Loss (dB): 0.177 under 6GHz (50 ohm)
0.177 under 1GHz (75 ohm)

Electrical:

Impedance: 50/75 ohm

Voltage Rating: ≥500 V rms (Depending on cable)

Insulator Resistance : ≥ 5 GΩ

Dielectric Withstanding Voltage : 1500 V rms

Contact Resistance : Center Contact ≤ 1.5 mΩ
Outer Contact ≤ 1 mΩ

Mechanical:

Mating : 7/16 - 28UNEF Screw-on Coupling
Recommended Mating Torque: 4.1 lbs ~ 6.1 lbs
Coupling Nut Retention Force: ≥101.2 lbs
Cable Retention Force: ≥ 12.1 lbs (for RG316)
≥ 28.7 lbs (for RG58)
≥ 38.3 lbs (for RG59)

Environmental:

Temperature Range : -55°C to 155°C
Corrosion (Salt Spray) : MIL-STD-202,
Method 101, Cond.B
Vibration : MIL-STD-202, Method 204, Cond.B
Thermal Shock : MIL-STD-202, Method 107, Cond.B
Mechanical : MIL-STD-202, Method 213, Cond.G



PN
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Cable Type	Dimensions			
	A	B	C	D
0 RG174,316	1.7	2.7	0.6	3.2
1 RG316 Double Braided	1.7	2.7	0.6	3.6
2 RG58	3.1	4.5	1.0	5.6
3 RG142,400	3.1	4.6	1.0	5.6
4 RG8,213	7.5	9.5	2.4	11.2
5 RG214	7.6	9.6	2.9	10.9
6 RG6	5.2	6.4	1.2	7.6
7 LMR200	3.2	4.6	1.2	5.4
8 LMR240	3.9	5.5	1.5	6.6
9 LMR400	7.4	9.4	2.9	10.9
10 RG11(75Ω)	7.6	9.6	1.8	10.7
11 5DFB	5.1	6.5	1.9	8.5
12 RG59(75Ω)	3.9	5.5	0.8	6.5



Notes:

- 1- The overall contour may be slightly changed per terminating with different cable and we reserve right to change it without notice.
- 2- Any changes for interface dimensions are strictly prohibited.
- 3- The Material and plating are in various options per customer's request.
- 4- A complete information for connectors is available upon request.

Tolerances .X ±0.2 .XX ±0.1 .XXX ±0.05	Scale NTS	Abbr. ST	Rev. B	Part Number F141-112x PN index above	 
PAGE 1 of 1	All Dimensions in mm (Unless Otherwise Specified)			Date 2021/08/28	