



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
RG174,316	1.7	2.7	0.6	3.2
RG58	3.1	4.5	1.0	5.6
RG316 Double Braided	1.7	2.7	0.6	3.6
LMR400	7.4	9.4	2.9	10.9
RG178	1.7	2.7	0.6	2.1
1.37	1.5	2.7	0.6	
1.13	0.75	2.0		1.25
0.81	0.9	3.0		1.0



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.

<p>Tolerances</p> <p>.X ±0.2</p> <p>.XX ±0.1</p> <p>.XXX ±0.05</p>	<p>Scale</p> <p>NTS</p>	<p>Abbr.</p> <p>ST</p>	<p>Rev.</p> <p>B</p>	<p>Part Number</p> <p>F142-328X</p> <p>PN index above</p>	
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