

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

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.

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Cable Type	Dimensions		
	A	B	C
RG174,316	2.8	3.8	2.9
RG58	3.1	4.5	5.6
RG223	3.2	4.6	5.8
RG214	7.6	9.5	11.3
LMR240	3.9	5.5	6.6
LMR400	7.6	9.5	10.6
5DFB	5.1	6.4	8.5

0
1
2
3
4
5
6

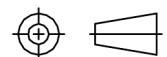
Tolerances
.X ±0.2
.XX ±0.1
.XXX ±0.05

Scale	Abbr.	Rev.
NTS	ST	B

Part Number

F141-212x

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All Dimensions in mm
(Unless Otherwise Specified)

Date

2021/08/24

