



Frequency:

Frequency range: 50ohm: 0~11 GHz

75ohm: 0~1.5 GHz

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

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

Electrical:

Impedance : 50/75 ohm

Voltage Rating : ≥1000 V rms (depending on cable)

Insulator Resistance : ≥5 GΩ

Dielectric Withstanding Voltage : 2500 V rms

Contact Resistance : Center Contact ≤ 1mΩ

Outer Contact ≤ 1 mΩ

Mechanical:

Mating : 5/8-24 UNEF threaded coupling

Recommended Mating Torque : 6~10 lbs

Coupling Nut Retention Force : ≥101.3 lbs

Environmental:

Temperature Range : -55°C to 155°C

Corrosion (Salt Spray) : MIL-STD-202,

Method 101, Cond.B

Thermal Shock : MIL-STD-202, Method 107, Cond.B

Mechanical : MIL-STD-202, Method 213, Cond.I

Vibration : MIL-STD-202, Method 204, Cond.B

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Cable Type	Dimensions			
	A	B	C	D
RG58	3.2	4.5	1.0	5.6
RG223,400	3.2	4.5	1.0	5.8
RG214	7.5	9.5	2.4	11.3
RG174,316	2.7	3.7	0.6	3.0
RG8	7.4	9.5	2.3	11.2
RG178	1.0	1.54	/	2.0
LMR240	4.2	5.6	1.5	6.6
LMR400	7.5	9.5	2.8	11.3
RG59(75Ω)	3.8	5.6	0.9	6.6



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	Scale	Abbr.	Rev.	Part Number	
.X ±0.2 .XX ±0.1 .XXX ±0.05	NTS	ST	B		
PAGE 1 of 1	All Dimensions in mm (Unless Otherwise Specified)			Date 2021/09/09	