

## Frequency:

Frequency range: 50ohm: 0~11 GHz  
75ohm: 0~1.5 GHz

VSWR:  $\leq 1.3$  (straight connector)  
 $\leq 1.35$  (right angle)

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

## Electrical:

Impedance : 50/75 ohm

Voltage Rating :  $\geq 1000$  V rms (depending on cable)

Insulator Resistance :  $\geq 5$  G $\Omega$

Dielectric Withstanding Voltage : 2500 V rms

Contact Resistance : Center Contact  $\leq 1$ m $\Omega$

Outer Contact  $\leq 1$  m $\Omega$

## Mechanical:

Mating : 5/8-24 UNEF threaded coupling

Recommended Mating Torque : 6~10 lbs

Coupling Nut Retention Force :  $\geq 101.3$  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

## 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.

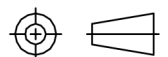
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Cable Type	Dimensions			
	A	B	C	D
0 RG58	3.1	4.5	1.0	5.6
1 RG223,400	3.1	4.5	1.0	5.8
2 RG8	7.4	9.4	2.4	10.7
3 RG174,316	1.7	2.7	0.6	3.2
4 RG178	1.42	2.7	0.6	
5 LMR240	3.9	5.5	1.5	6.6
6 LMR400	7.4	9.4	2.9	10.5
7 LMR600	11.9	14.2	3.9	15.9
8 RG59(75 $\Omega$ )	3.9	5.5	0.7	6.6
9 RG11(75 $\Omega$ )	7.4	9.4	1.75	10.9

Tolerances
.X $\pm 0.2$
.XX $\pm 0.1$
.XXX $\pm 0.05$

Scale	Abbr.	Rev.
NTS	ST	B

Part Number



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All Dimensions in mm  
(Unless Otherwise Specified)

Date

2021/09/08

