



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 G Ω
Dielectric Withstanding Voltage : 2500 V rms
Contact Resistance : Center Contact ≤ 1 m Ω
Outer Contact ≤ 1 m Ω

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Cable Type	Dimensions		
	A	B	C
RG174,316	2.7	3.7	3.0
RG58	3.2	4.6	5.6
RG223,400	3.2	4.6	5.8
LMR240	4.2	5.6	6.5
RG8	7.6	9.5	11.3
LMR400	7.5	9.5	10.8

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

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 2021/09/07	