



Frequency:

Frequency range: 0~ 12.4GHz

VSWR: 1.5 Max. under 6GHz

Insertion Loss (dB): 0.177 under 6GHz

Electrical:

Impedance: 50 ohm

Voltage Rating: ≥ 500 V rms (Depending on cable)

Insulator Resistance : ≥ 5 G Ω

Dielectric Withstanding Voltage : 1000 V rms

Contact Resistance : Center Contact ≤ 3 m Ω .

Outer Contact ≤ 2.5 m Ω

Mechanical:

Mating : 1/4-36 UNS Screw-on Coupling

Recommended Mating Torque : 7.1~9.7lbs

Coupling Nut Retention Force : ≥ 60.7 lbs

Environmental:

Temperature Range : -65°C to 165°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.D

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Cable Type	Dimensions			
	A	B	C	D
RG174,316	1.7	2.3	0.6	3.0
RG316 Double Braided	1.7	2.7	0.6	3.6
RG58	3.2	4.6	1.1	5.4
RG142	3.2	4.6	1.1	5.8
LMR200	3.2	4.6	1.2	5.4
LMR400	7.4	9.4	2.9	10.9
2.5D-2V	2.7	4.6	1.1	5.4
RG178	2.4	3.1	0.6	1.9
1.32	2.4	3.1	0.6	1.4
1.13	2.4	3.1	0.6	1.2
0.81	2.4	3.1	0.6	0.95



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 2021/09/06	