



Electrical :

Impedance : 50 ohm

Voltage Rating : ≥ 500 V rms MIN. (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 : 7.1~9.7 lbs

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

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.

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NTS	ST	2019/07/03	B		TITLE	
Tolerances : .X ±0.2 .XX ±0.1 .XXX ±0.05		 All Dimensions in mm (Unless Otherwise Specified)			Customer P/N: Nil	
Drawn	Checked	Approved		S-Conn Enterprise Co., Ltd.  let's Connect The World!		
Mark	Ryan	G. Sun				
2017/03/17	2017/03/17	2017/03/17				