

### Electrical :

Impedance : 50 ohm

Frequency Range : 0~12.4 GHz .

Voltage Rating :  $\geq 500$  V rms MIN. (depending on cable)

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

Dielectric Withstanding Voltage : 1000 V rms .

Contact Resistance : Center Contact  $\leq 3$  m $\Omega$ .

Outer Contact  $\leq 2.5$  m $\Omega$  .

Cable Type	Dimensions						
	A	B	C	D	E	F	G
RG 178	2.4	3.1	0.6	1.9	2.6	8.64	12.7
1.32	2.4	3.1	0.6	1.4	2.6	8.64	12.7
1.13	2.4	3.1	0.6	1.2	2.6	8.64	12.7
0.81	2.4	3.1	0.6	0.9	2.6	8.64	12.7

### Mechanical :

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

Recommended Mating Torque : 7.1~9.7 lbs

Coupling Nut Retention Force :  $\geq 60.7$  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

### 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	2019/07/09	B		TITLE	
Tolerances :		<div></div> <div>All Dimensions in mm (Unless Otherwise Specified)</div>		Customer P/N: Nil		
Drawn	Checked	Approved		<div><div>S-Conn Enterprise Co., Ltd.</div><div><div>Let's Connect The World!</div></div></div>		
Mark	Ryan	G. Sun				
2017/03/17	2017/03/17	2017/03/17				