



## 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

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Type	Dimensions						
	A	B	C	D	E	F	G
A0	1.25	4.12	1.79	8.0	3.2	12.7	17.5
A1	0.55	4.12	2.0	12	3.2	12.7	17.5
C0	1.27	4.15	3.0	8.0	3.1	12.7	17.5
C1	1.27	4.15	4.0	12	3.2	12.7	17.5

0  
1  
2  
3



## 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 $\pm 0.2$ .XX $\pm 0.1$ .XXX $\pm 0.05$	NTS	ST	B		
PAGE <b>1 of 1</b>	All Dimensions in mm (Unless Otherwise Specified)			2021/09/09	