

## Frequency:

Frequency range: 0~18 GHz

VSWR: 1.5 Max. under 6GHz

Insertion Loss (dB): 0.177 under 6GHz

## Electrical:

Impedance: 50 ohm

Voltage Rating:  $\geq 500$  V rms (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 $\Omega$

## Mechanical:

Mating : 1/4-46 UNS Screw-on Coupling

Recommended Mating Torque : 7.1~9.7lbs

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

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Type	Dimensions					
	A	B	C	D	b	c
<b>A1(1.0)</b>	0.75	1.02	8.5	1.0	1.20	8.5
<b>A1(1.3)</b>	0.75	1.02	8.5	1.3	1.20	8.5
<b>A1(1.7)</b>	0.75	1.02	8.5	1.7	1.20	8.5
<b>A2(2.1)</b>	0.8	1.02	8.5	2.1	1.20	8.5
<b>A4(0.8)</b>	0.8	1.02	8.5	0.8	1.20	8.5
<b>A5(1.85)</b>	0.8	1.02	8.5	1.85	1.20	8.5
<b>N2(0.95)</b>	0.75	1.02	8.5	0.95	1.20	8.5
<b>N5(1.73)</b>	0.75	1.02	8.5	1.73	1.20	8.5
<b>N6(1.22)</b>	0.75	1.02	8.5	1.22	1.20	8.5



## 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.

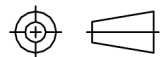
3- The Material and plating are in various options per customer's request.

4- A complete information for connectors is available upon request.

Tolerances
.X $\pm 0.2$
.XX $\pm 0.1$
.XXX $\pm 0.05$

Scale	Abbr.	Rev.
NTS	ST	B

Part Number



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All Dimensions in mm  
(Unless Otherwise Specified)

Date

2021/09/06

