



## Frequency:

Frequency range: 50ohm: 0~4GHz  
 75ohm: 0~1GHz

VSWR: 1.5 Max. under 4GHz (50 ohm)  
 1.5 Max. under 1GHz (75 ohm)

Insertion Loss (dB): 0.177 under 4GHz (50 ohm)  
 0.177 under 1GHz (75 ohm)

## Electrical:

Impedance : 50/75 ohm

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

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

Dielectric Withstanding Voltage : 1500 V rms

Contact Resistance : Center Contact  $\leq 1.5$  m $\Omega$   
 Outer Contact  $\leq 1$  m $\Omega$

## Mechanical:

Mating : Bayonet Coupling

Recommended Mating Torque : 0.6~2.5 lbs

Coupling Nut Retention Force :  $\geq 101.2$  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.G

Vibration : MIL-STD-202, Method 204, Cond.B

PN index	Type	Dimensions					
		A	B	C	a	b	d
0	A0	1.0	21.2	1.9	1.32	2.4	6.8
1	A1	1.0	23.2	1.9	1.32	2.4	6.8
2	A6	0.95	24.5	1.9	1.32	2.4	6.8
3	A7	0.95	24.5	1.9	1.32	2.4	6.8



## 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.	Part Number <b>F102-143</b> PN index above	
	NTS	ST	B		
PAGE <b>1 of 1</b>	All Dimensions in mm (Unless Otherwise Specified)			Date 2021/08/03	