

## 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  
 Frequency Range : 0~4 / 0~1GHz .

Voltage Rating : 250 V rms. (depending on cable)  
 Insulator Resistance :  $\geq 1 \text{ G}\Omega$   
 Dielectric Withstanding Voltage : 750 V rms .  
 Contact Resistance : Center Contact  $\leq 10 \text{ m}\Omega$ .  
 Outer Contact  $\leq 3 \text{ m}\Omega$ .

## Mechanical:

Mating : Bayonet Coupling.  
 Engagement Force :  $\leq 2.3 \text{ lbs}$   
 Disengagement Force :  $\leq 2.3 \text{ lbs}$

## Environmental:

Temperature Range : -40°C to 85°C  
 Corrosion (Salt Spray) : MIL-STD-202,  
 Method 101, Cond.C  
 Thermal Shock : MIL-STD-202, Method 107, Cond.B  
 Mechanical : MIL-STD-202, Method 213, Cond.B  
 Vibration : MIL-STD-202, Method 204, Cond.A

PN  
index




0  
1  
2  
3  
4  
5  
6

Cable Type	Dimensions			
	A	B	C	D
RG174,316	2.7	3.7	0.7	4.6
RG316 Double Braided	2.5	4.0	0.6	4.5
RG179(75Ω)	1.7	2.7	0.5	3.2
RG58	3.9	5.5	0.7	6.6
2.5C-2V(75Ω)	2.5	3.8	0.5	4.5
BT3002(75Ω)	2.1	3.2	0.5	4.2
735A(75Ω)	2.4	3.6	0.5	3.7



## 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	F101-112x ..... PN index above	 
.X ±0.2 .XX ±0.1 .XXX ±0.05	NTS	ST	B			
PAGE	All Dimensions in mm (Unless Otherwise Specified)			Date		
1 of 1				2021/08/01		