

## 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)

PN  
index  
0  
1

| Cable Type | Dimensions |     |     |     |      |      |
|------------|------------|-----|-----|-----|------|------|
|            | A          | B   | C   | D   | E    | F    |
| RG142,400  | 3.2        | 4.6 | 1.1 | 5.8 | 12.7 | 17.5 |
| RG59(75Ω)  | 3.9        | 5.5 | 0.8 | 6.5 | 12.7 | 17.5 |

## Electrical:

Impedance : 50/75 ohm

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

Insulator Resistance :  $\geq 5$  GΩ

Dielectric Withstanding Voltage : 1500 V rms .

Contact Resistance : Center Contact  $\leq 1.5$  mΩ.

Outer Contact  $\leq 1$  mΩ .

## 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



## 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 | F102-114x<br>.....<br>PN index above |   |
|-----------------------------------|--|-------|------|-------------|--------------------------------------|---|
| .X ±0.2<br>.XX ±0.1<br>.XXX ±0.05 | NTS  | ST    | B    |             |                                      |   |
| PAGE                              | All Dimensions in mm<br>(Unless Otherwise Specified) |       |      |             |                                      |   |
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