

## 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 )

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| Cable Type  | Dimensions |     |     |     |     |      |      |
|-------------|------------|-----|-----|-----|-----|------|------|
|             | A          | B   | C   | D   | E   | F    | G    |
| 0 RG58      | 3.2        | 4.5 | 1.1 | 5.6 | 3.2 | 18.2 | 25.5 |
| 1 RG223,400 | 3.2        | 4.5 | 1.1 | 5.8 | 3.2 | 18.2 | 25.5 |
| 2 RG174,316 | 1.7        | 2.7 | 0.6 | 3.2 | 3.1 | 12.7 | 17.5 |

## 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

## 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.

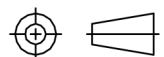
3- The Material and plating are in various options per customer's request.

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 **F152-114x**  
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 All Dimensions in mm  
 (Unless Otherwise Specified)

Date  
2021/08/16

