

Frequency:

Frequency range: 0 ~18 GHz

VSWR: ≤ 1.15

Electrical:

Impedance: 50 ohm

Voltage Rating: ≥500 V rms (Depending on cable)

Insulator Resistance : ≥5 GΩ

Dielectric Withstanding Voltage : 1000 V rms

Contact Resistance : Center Contact ≤ 3 mΩ.

Outer Contact ≤ 2 mΩ



Material & Finishes:

Center conductor: Gold plated 0.2 μm (Nickel underplated) over beryllium copper

Outer conductor: Passivation Stainless steel 303F

Insulators: PTFE

Environmental:

Temperature Range : -55°C to 105°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



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	F112-142R	 
.X ±0.2 .XX ±0.1 .XXX ±0.05	NTS	ST	B			
PAGE 1 of 1	All Dimensions in mm (Unless Otherwise Specified)					