



Frequency:

Frequency range: 0 ~18 GHz

VSWR: ≤ 1.15

Electrical:

Impedance: 50 ohm

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

Insulator Resistance : ≥ 5 G Ω

Dielectric Withstanding Voltage : 1000 V rms

Contact Resistance : Center Contact ≤ 3 m Ω .

Outer Contact ≤ 2 m Ω



Material & Finishes:

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

Outer conductor: Passivation Stainless steel 303F

Insulators: PTFE

Environmental:

Temperature Range : -55 $^{\circ}$ C to 105 $^{\circ}$ 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	F112-117R	
.X ± 0.2 .XX ± 0.1 .XXX ± 0.05	NTS	ST	B			
PAGE	All Dimensions in mm (Unless Otherwise Specified)			Date		
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