

Frequency:

Frequency range : DC~18 GHz

VSWR : ≤1.3

Electrical:

Impedance: 50 ohm

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

Insulation Resistance : 5000 MΩ

Dielectric Withstanding Voltage : 1500 V

Contact Resistance : Center Conductor ≤ 2 mΩ

Outer Conductor ≤ 0.2 mΩ

Durability: 500 Cycles



Material Specification:

Center Conductor: Gold Plated 2.5 um (Nickel Underplated)
over Beryllium Cooper

Outer Conductor: Passivation Stainless Steel

Insulators: PTFE

Notes:

1- The overall contour may be slightly changed per terminating with different cable and we reserve right to change it without notice.

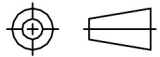
2- Any changes for interface dimensions are strictly prohibited.

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

4- A complete information for connectors is available upon request.

Environmental:

Temperature Range : -55°C to +105°C

Tolerances .X ±0.2 .XX ±0.1 .XXX ±0.05	Scale	Abbr.	Rev.	Part Number F142-115R	
	NTS	ST	B		
PAGE 1 of 1	All Dimensions in mm (Unless Otherwise Specified)			Date 2021/08/24	