



Frequency:

Frequency range: 0~12.4 GHz
 VSWR: 1.5 Max. under 6GHz
 Insertion Loss (dB): 0.177 under 6GHz

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 ≤ 2.5 m Ω

Mechanical:

Mating : 1/4-46 UNS Screw-on Coupling
 Recommended Mating Torque : 7.1~9.7lbs
 Coupling Nut Retention Force : ≥ 60.7 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.I
 Vibration : MIL-STD-202, Method 204, Cond.D

PN
index

| Type | Dimensions | | | | | | |
|-----------|------------|------|-----|------|------|------|------|
| | A | B | C | D | a | b | d |
| A0 | 1.25 | 1.02 | 7.0 | 5.08 | 1.50 | 1.70 | 5.08 |
| F0 | 1.28 | 1.02 | 7.0 | 5.10 | 1.40 | 1.50 | 5.10 |
| L0 | 1.27 | 1.02 | 7.0 | 5.08 | 1.50 | 1.70 | 5.08 |
| N2 | 0.75 | 1.0 | 6.4 | 5.08 | 1.00 | 1.50 | 5.08 |



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 ± 0.2 .XX ± 0.1 .XXX ± 0.05 | Scale | Abbr. | Rev. | Part Number F112-130X PN index above | |
| | NTS | ST | B | | |
| PAGE 1 of 1 | All Dimensions in mm (Unless Otherwise Specified) | | | Date 2021/08/09 | |