

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

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.

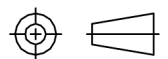
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Cable Type	Dimensions						
	A	B	C	D	E	F	G
RG 178	2.4	3.1	0.6	1.9	2.6	8.64	12.7
1.32	2.4	3.1	0.6	1.4	2.6	8.64	12.7
1.13	2.4	3.1	0.6	1.2	2.6	8.64	12.7
0.81	2.4	3.1	0.6	0.9	2.6	8.64	12.7

Tolerances
.X ±0.2
.XX ±0.1
.XXX ±0.05

Scale	Abbr.	Rev.
NTS	ST	B

Part Number **F112-114x**
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 All Dimensions in mm
 (Unless Otherwise Specified)

Date
2021/08/09

