



Frequency:

Frequency range: 0~18GHz

VSWR: 1.5 Max. under 6GHz

Insertion Loss (dB): 0.177 under 6GHz

Electrical:

Impedance: 50 ohm

Voltage Rating: ≥ 500 V rms MIN.(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

Cable Type	Dimensions			
	A	B	C	D
0 RG174,316	1.65	2.7	0.6	3.2
1 RG316 Double Braided	1.65	2.7	0.6	3.6
2 Mini Cable, RG178	1.5	2.7	0.6	
3 RG58	3.2	4.6	1.0	5.4
4 LMR 200	3.2	4.6	1.2	5.4
5 LMR 240	3.9	5.6	1.6	6.6
6 LMR 400	7.4	9.4	2.9	10.9



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 NTS	Abbr. ST	Rev. B	Part Number F111-112X PN index above		
PAGE 1 of 1	All Dimensions in mm (Unless Otherwise Specified)			Date 2021/08/07		