



Frequency:

Frequency range: 0~ 4GHz

VSWR: ≤ 1.3

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 : 1500 V rms

Contact Resistance : Center Contact ≤ 1.5 m Ω .

Outer Contact ≤ 1 m Ω

PN
index

Cable Type	Dimensions					
	A	B	C	D	E	F
0 RG174,316	1.7	2.7	0.6	3.2	2.6	12.2
1 RG316 Double Braided	1.7	2.7	0.6	3.6	2.6	12.2
2 Mini Cable, RG178	2.4	3.1	0.6	1.9	2.6	12.2
3 RG58	3.2	4.6	1.0	5.4	2.6	12.2
4 1.32	2.4	3.1	0.6	1.4	2.6	12.2
5 1.13	2.4	3.1	0.6	1.2	2.6	12.2

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.G

Vibration : MIL-STD-202, Method 204, Cond.B

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	F112-119x PN index above	
.X ± 0.2 .XX ± 0.1 .XXX ± 0.05	NTS	ST	B			
PAGE	All Dimensions in mm (Unless Otherwise Specified)					
1 of 1						