



Frequency:

Frequency range: 0~ 40 GHz

VSWR: $\leq 1.2 + .03f$ (GHz)

Insertion Loss (dB): 0.177 under 6GHz

PN
index

0

Cable Type	Dimensions		
	A	B	C
.047	1.7	2.7	3.2

Electrical:

Impedance: 50 ohm

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

Insulator Resistance : ≥ 1 G Ω

Dielectric Withstanding Voltage : 750 V rms

Contact Resistance : Center Contact ≤ 5 m Ω .

Outer Contact ≤ 2.5 m Ω

Mechanical:

Mating : .190-36 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.

Tolerances	Scale	Abbr.	Rev.	Part Number	F181-212X PN index above	
.X ± 0.2 .XX ± 0.1 .XXX ± 0.05	NTS	ST	B			
PAGE	All Dimensions in mm (Unless Otherwise Specified)			Date		
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