



Frequency:

Frequency range: 0~18 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

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Cable Type	Dimensions					
	A	B	C	D	E	F
RG 402	3.7	4.7	1.0	2.6	8.64	12.7
RG 405	2.3	3.2	0.6	2.6	8.64	12.7

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.

Tolerances .X ± 0.2 .XX ± 0.1 .XXX ± 0.05	Scale	Abbr.	Rev.	Part Number F112-145X <small>.....</small> PN index above	
	NTS	ST	B		
PAGE	All Dimensions in mm (Unless Otherwise Specified)			Date 2021/09/06	
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