



## Frequency:

Frequency range: 0~10 GHz

VSWR:  $\leq 1.3$  (straight connector)  
 $\leq 1.45$  (right angle)

Insertion Loss (dB): 0.177 under 6 GHz (50 ohm )  
 0.177 under 1 GHz ( 75 ohm )

## Electrical:

Impedance : 50/75 ohm

Voltage Rating :  $\geq 250$  V rms (depending on cable)

Insulator Resistance :  $\geq 1$  G $\Omega$

Dielectric Withstanding Voltage : 750 V rms

Contact Resistance : Center Contact  $\leq 5$  m $\Omega$

Outer Contact  $\leq 2.5$  m $\Omega$

PN  
index

Cable Type	Dimensions			
	A	B	C	D
0 RG174,316	1.7	2.7	0.6	3.2
1 RG58	3.1	4.5	1.2	5.4
2 1.37	1.5	2.7	0.6	

## Mechanical:

Mating : Screw-on coupling

Recommended Mating Torque: 2.2 lbs ~ 3.1 lbs (max. 6.2Lbs)

Coupling Nut Retention Force:  $\geq 33.72$  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.C

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	F131-112x ..... PN index above	
.X $\pm 0.2$ .XX $\pm 0.1$ .XXX $\pm 0.05$	NTS	ST	B			
PAGE	All Dimensions in mm (Unless Otherwise Specified)			Date		
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