



Frequency:

Frequency range: 0~ 6 GHz

VSWR: ≤ 1.15 @ DC to 4 GHz
 ≤ 1.40 @ 4 to 6 GHz

Insertion Loss (dB): 0.177 under 6 GHz

Electrical:

Impedance: 50 ohm

Voltage Rating: ≤ 170 V rms (Depending on cable)

Insulator Resistance : ≥ 1 G Ω

Dielectric Withstanding Voltage : 500 V rms

Contact Resistance : Center Contact ≤ 10 m Ω .
 Outer Contact ≤ 5 m Ω

Mechanical:

Mating : Snap-on Coupling

Engagement Force : ≤ 3.4 lbs

Disengagement Force : 1.4 lbs ~ 3.4 lbs

Cable Retention Force: ≥ 7.3 lbs (for RG178)
 ≥ 12.1 lbs (for RG316)



PN
index

Type	Dimensions						
	A	B	C	D	b	c	d
A0	0.7	0.8	1.8	3.4	1.0	1.6	3.6
N1	0.7	0.5	1.8	3.4	0.8	1.6	3.6

Environmental:

Temperature Range : -55°C to 155°C

Corrosion (Salt Spray) : MIL-STD-202,
 Method 101, Cond.B

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

Thermal Shock : MIL-STD-202, Method 107, Cond.F

Mechanical : MIL-STD-202, Method 213, 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 .X ± 0.2 .XX ± 0.1 .XXX ± 0.05	Scale	Abbr.	Rev.	Part Number F172-131X PN index above	
	NTS	ST	B		
PAGE 1 of 1	All Dimensions in mm (Unless Otherwise Specified)			Date 2021/08/26	