



Recommended Panel Cut Out

## 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 GΩ

Dielectric Withstanding Voltage : 500 V rms

Contact Resistance : Center Contact ≤ 10 mΩ.

Outer Contact ≤ 5 mΩ

## 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)

## 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

PN  
index

Cable Type	Dimensions			
	A	B	C	D
0 RG174,316	1.63	2.3	0.6	3.0
1 RG316 Double Braided	1.63	2.3	0.6	3.2
2 Mini Cable,	1.5	2.7	0.6	
3 RG178	0.9	1.7	0.34	2.2



## 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	F172-128X ..... 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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