



Recommended Panel Cut Out

Frequency:

Frequency range: 50ohm: 0~4GHz
 75ohm: 0~1GHz
 VSWR: 1.5 Max. under 4GHz (50 ohm)
 1.5 Max. under 1GHz (75 ohm)
 Insertion Loss (dB): 0.177 under 4GHz (50 ohm)
 0.177 under 1GHz (75 ohm)

Electrical:

Impedance : 50/75 ohm
 Voltage Rating : ≥ 500 V rms (depending on cable)
 Insulator Resistance : ≥ 5 G Ω
 Dielectric Withstanding Voltage : 1500 V rms
 Contact Resistance : Center Contact ≤ 1.5 m Ω .
 Outer Contact ≤ 1 m Ω

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Cable Type	Dimensions			
	A	B	C	D
0 RG174,316	1.7	2.7	0.6	3.2
1 RG316 Double Braided	1.7	2.7	0.6	3.6
2 RG179(75 Ω)	1.7	2.7	0.5	3.2
3 RG58	3.2	4.6	1.0	5.6
4 BT3002(75 Ω)	2.7	3.7	0.5	4.4
5 RG59(75 Ω)	3.9	5.5	0.8	6.6

Mechanical:

Mating : Bayonet Coupling
 Recommended Mating Torque : 0.6~2.5 lbs
 Coupling Nut Retention Force : ≥ 101.2 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.G
 Vibration : MIL-STD-202, Method 204, 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 NTS	Abbr. ST	Rev. B	Part Number F102-125X PN index above	
PAGE 1 of 1	All Dimensions in mm (Unless Otherwise Specified)			Date 2021/08/01	