

Frequency:

Frequency range: 0~ 6 GHz

VSWR: ≤1.2

Insertion Loss (dB): 0.177 under 6GHz (50 ohm)
0.177 under 3GHz (75 ohm)

Electrical:

Impedance: 50/75 ohm

Voltage Rating: ≥335 V rms (Depending on cable)

Insulator Resistance : ≥ 1 GΩ

Dielectric Withstanding Voltage : 750 V rms

Contact Resistance : Center Contact ≤ 5 mΩ

Outer Contact ≤ 2.5 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

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.

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Cable Type	Dimensions			
	A	B	C	D
0 RG174,316	1.7	2.3	0.6	3.0
1 RG316 Double Braided	1.7	2.3	0.6	3.2
2 Mini Cable, RG178	1.5	2.7	0.6	
3 RG178	1.7	2.3	0.6	1.9
4 RG58	3.2	4.65	1.0	5.4
5 RG179(75Ω)	1.8	2.7	0.6	3.2
6 Belden 1855A(75Ω)	2.7	4.0	0.7	4.8

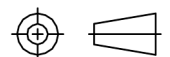
Tolerances
.X ±0.2
.XX ±0.1
.XXX ±0.05

Scale	Abbr.	Rev.
NTS	ST	B

Part Number

F161-112x

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All Dimensions in mm
(Unless Otherwise Specified)

Date

2021/08/21

