

## 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)

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Cable Type	Dimensions			
	A	B	C	D
RG6(75Ω)	1.32	M8xP0.75	8.0	10

## Electrical:

Impedance : 50/75 ohm

Voltage Rating :  $\geq 500$  V rms (depending on cable)

Insulator Resistance :  $\geq 5$  GΩ

Dielectric Withstanding Voltage : 1500 V rms .

Contact Resistance : Center Contact  $\leq 1.5$  mΩ.

Outer Contact  $\leq 1$  mΩ .

## Mechanical:

Mating : Bayonet Coupling.

Recommended Mating Torque : 0.6~2.5 lbs

Coupling Nut Retention Force :  $\geq 101.2$  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.

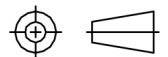
3- The Material and plating are in various options per customer's request.

4- A complete information for connectors is available upon request.

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

Scale	Abbr.	Rev.
NTS	ST	B

Part Number **F101-141<sub>x</sub>**  
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All Dimensions in mm  
(Unless Otherwise Specified)

Date  
2021/08/03

