



Frequency:

Frequency range: 0~40 GHz

VSWR: DC to 26.5 GHz →1.15 max
26.5 to 40 GHz →1.35 max

Insertion Loss (dB): 0.4 dB max (straight)
0.6 dB max (right angle)

Electrical:

Impedance : 50 ohm

Voltage Rating : 170 volts rms max.

Insulator Resistance : $\geq 5 \text{ G}\Omega$

Dielectric Withstanding Voltage : 500 volts rms at sea level

Contact Resistance : Center Contact $\leq 6 \text{ m}\Omega$

Outer Contact $\leq 2 \text{ m}\Omega$

Mechanical:

Mating : Snap-on Coupling

Engagement force :15 lbs max.(Full Detent)
10 lbs max.(Limited Detent)
2 lbs max.(Smooth Bore)

Engagement force : 5 lbs min.(Full Detent)
2 lbs min.(Limited Detent)
5 lbs min.(Smooth Bore)



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. D

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

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.

PN
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Type	Dimensions		
	A	B	C
RG405	2.2	3.4	0.6
RG174	1.3	3.4	0.38

Tolerances .X ±0.2 .XX ±0.1 .XXX ±0.05	Scale	Abbr.	Rev.	Part Number F242-134x <small>.....</small> PN index above	
	NTS	ST	B		
PAGE 1 of 1	All Dimensions in mm (Unless Otherwise Specified)			Date 2021/09/12	