

A crimp connection SMA plug for flexible cable RG174, 188A and 316.

Specifications:

1. Nickel Plating Thickness : 50 μ " min. (Under Plating)
2. Gold Plating Thickness : 30 μ " min. (Over Finish 1)
3. Gold Plating Thickness : 2 μ " max. (Over Finish 1)



Item	Description	Material	Finish
1	Shell	Brass	Finish 1/3
2	Body	Brass	Finish 1/3
3	Insulator	PTFE	None
4	Inner Contact	Brass	Finish 1/2
5	Ferrule	Brass	Finish 1/3

Electrical:

Impedance: 50 ohm
 Frequency Range: 0~12.4 GHz
 Voltage Rating: 500 V rms. (depending on cable)
 Insulator Resistance: ≥ 5 G Ω
 Dielectric Withstanding Voltage: 1000 V rms
 Contact Resistance: Centre Contact ≤ 3 m Ω .
 Outer Contact ≤ 2.5 m Ω

Notes:

1. Any electrical, mechanical or environmental test per MIL-PRF-39012F should be spotlighted, as we may not have all testing equipment to cover all of it.
2. Single crimp: Recommended dimensions provided for ferrule. Dual crimp: Recommended dimensions provided for ferrule and inner contact . Please advise single/dual in advance to avoid any inconvenience.
3. All metal materials are in compliance with RoHS 2 directive 2011/65/EU Annex III section 6 paragraph.
4. Recommended crimped hand tool: For ferrule p/n - HT-H116N

Mechanical:

Mating: 1/4-36 UNS Screw-on Coupling
 Recommended Mating Torque: 7.1-9.7 lbs
 Coupling Nut Retention Force: 60.7 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 I
 Vibration: MIL-STD-202, Method 204, Cond. D

