



SMA Connectors Series

Jarlytec SMA connectors are manufactured to have excellent performance up to 18 GHz, and to be used on cable flexible and semi-rigid. The impedance is 50 Ohm. The outer bodies are made from brass with gold or nickel plating. The center contacts are made in brass or beryllium copper and are gold plated. Special applications are available.

Electrical Specifications:

Impedance: 50 Ohm

Frequency Range: 0-18 GHz for semi-rigid cable
0-12.4 GHz for flexible cable

Voltage Rating: 500V max. (RG-58, 141, 142, 223)
375V max. (RG-174, 188, 316)

Dielectric Withstanding Voltage: 1000 VRMS (.141 & RG-58 cable group)
750 VRMS (.085 & RG-316 cable group)

VSWR: 1.05 + 0.005f max. for straight
1.15 + 0.015f max. for right angle

Contact Resistance: 3.0 milliohms max. for center
2.0 milliohms max. for body

RF Leakage: -90 dB min. at 2.0-3.0 GHz

Insulation Resistance: 5000 Megohms min.

Insertion Loss: 0.04 dB max. at 6.0 GHz



SMA8-2980



SMA8-2973



SMA8-2497



SMA8-2496



SMA8-2495



SMA8-2491



SMA8-2485



SMA8-2481



SMA7-2464



SMA7-2449