

Continuous Working Voltage:

1,400 V rms, Maximum

Operating Frequency:

1000 MHz Maximum

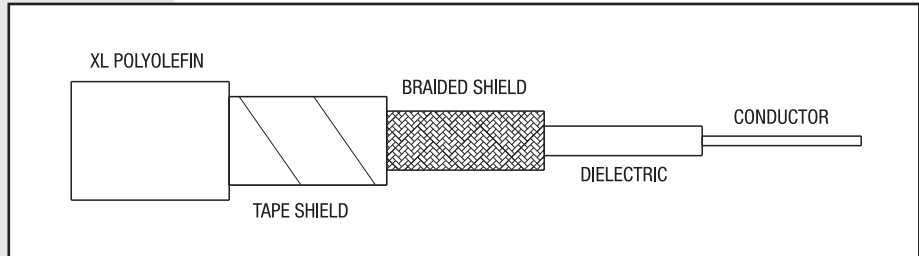
Operating Temperature Range:

-30°C to +85°C

Impedance:

50 ± 2 Ohms

RSCC P/N CP01021-000



CONSTRUCTION DETAILS

CONDUCTOR: Nineteen Strands of Tin Copper - .0355" Nominal

DIELECTRIC: Solid Polyethylene - .116" Nominal

OUTER CONDUCTOR: 36AWG Tin Copper Braid – 94% Coverage – .145" Maximum

BARRIER TAPE: Aluminized Mylar 50% Nominal Lap - .155" Maximum

JACKET: Irradiation Cross-linked Low Smoke Polyolefin - .195" Nominal

ELECTRICAL CHARACTERISTICS

Impedance: 50 ± 2 Ohms

Capacitance: 32.2 pf/ft Nominal

Corona Extinction Voltage: 1,900 V rms Minimum

Attenuation: 17 db per 100 ft. @ 400 MHz Maximum

28 db per 100 ft. @ 1000 MHz Maximum

U.S. NAVY REQUIREMENTS

Smoke Index: 25 Maximum

Toxicity Index: 5 Maximum

Acid Gas Generation: 2.0% Maximum

Halogen Content: .2% Maximum

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