

Continuous Working Voltage:

1,700 V rms, Maximum

Operating Frequency:

1000 MHz Maximum

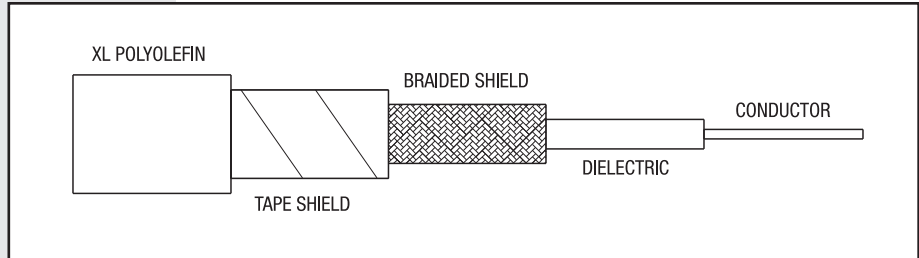
Operating Temperature Range:

-30°C to +85°C

Impedance:

75 ± 3 Ohms

RSCC P/N CP01023-000



CONSTRUCTION DETAILS

CONDUCTOR: Solid, copper covered steel wire - - .0226" Nominal

DIELECTRIC: Solid Polyethylene - .146" Nominal

OUTER CONDUCTOR: 34AWG Bare Copper Braid – 95% Coverage – .182" Maximum

BARRIER TAPE: Aluminized Mylar 50% Nominal Lap - .192" Maximum

JACKET: Irradiation Cross-linked Low Smoke Polyolefin - .242" Nominal

ELECTRICAL CHARACTERISTICS

Impedance: 75 ± 3 Ohms

Capacitance: 22 pf/ft Maximum

Corona Extinction Voltage: 2,300 V rms Minimum

Attenuation: 9.0 db per 100 ft. @ 400 MHz Maximum

16.0 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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