

**Continuous Working Voltage:**

3,700 V rms, Maximum

**Operating Frequency:**

1000 MHz Maximum

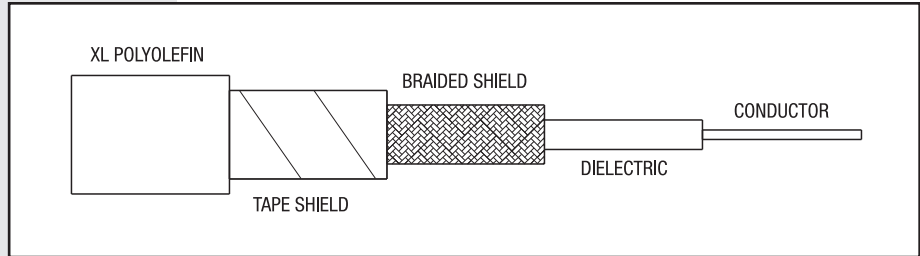
**Operating Temperature Range:**

-30°C to +85°C

**Impedance:**

75 ± 3 Ohms

RSCC P/N CP01018-000



**CONSTRUCTION DETAILS**

**CONDUCTOR:** Seven Strands of Tin Copper - - .0477" Nominal

**DIELECTRIC:** Solid Polyethylene - .285" Nominal

**OUTER CONDUCTOR:** 33AWG Bare Copper Braid – 95% Coverage – .330" Maximum

**BARRIER TAPE:** Aluminized Mylar 50% Nominal Lap - .340" Maximum

**JACKET:** Irradiation Cross-linked Low Smoke Polyolefin - .405" Nominal

**ELECTRICAL CHARACTERISTICS**

**Impedance:** 75 ± 3 Ohms

**Capacitance:** 22 pf/ft Maximum

**Corona Extinction Voltage:** 5,000 V rms Minimum

**Attenuation:** 5.2 db per 100 ft. @ 400 MHz Maximum

9.4 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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