

CHEMINAX

50 OHM, AWG 21, 19 STRANDS OF AWG 33, COAXIAL CABLE

Date: 4-27-87

Revision: A

COMPLETE REVISION

THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

CONSTRUCTION DETAILS

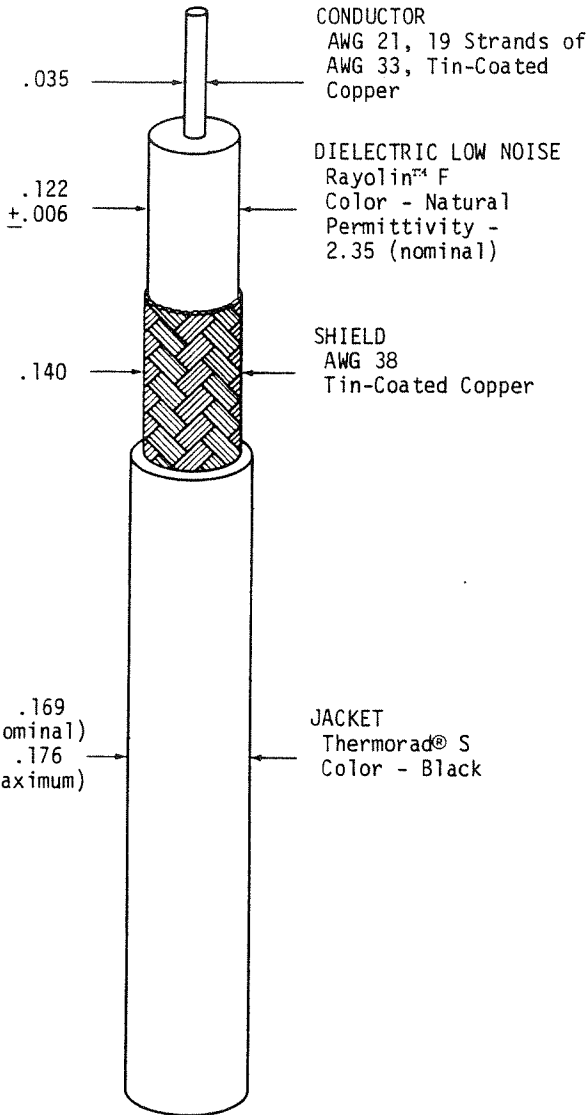
ELECTRICAL CHARACTERISTICS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.

CHARACTERISTIC IMPEDANCE 50 ± 2 ohms, Method A
 CAPACITANCE 32.0 pF/ft. (nominal)
 35.0 pF/ft. (maximum)
 VELOCITY OF PROPAGATION 65% (nominal)

**MANUFACTURED IN
 U.K. ONLY**

ADDITIONAL REQUIREMENTS



ELECTRICAL

CONDUCTOR RESISTANCE 11.3 ohms/1000 ft. (nominal)
 INSULATION RESISTANCE 10,000 megohms (minimum) for 1000 ft.
 JACKET FLAWS
 SPARK TEST 1.0 kV, 60 Hz (rms)
 IMPULSE TEST 6.0 kV (peak)
 PARTIAL DISCHARGE (CORONA) 850 volts (minimum)
 VOLTAGE WITHSTAND (DIELECTRIC) 1000 volts (minimum)

ENVIRONMENTAL

AGING STABILITY 135°C/-55°C/4.75 inch mandrel
 FLAMMABILITY Method C
 HEAT SHOCK 225°C
 LOW TEMPERATURE - COLD BEND -55°C/4.75 inch mandrel

PHYSICAL

INSULATION (DIELECTRIC)
 ELONGATION 200 % (minimum)
 TENSILE STRENGTH 1800 psi (minimum)
 JACKET
 ELONGATION 250 % (minimum)
 TENSILE STRENGTH 2000 psi (minimum)
 JACKET THICKNESS .015 inch (nominal)
 SHIELD COVERAGE 90 % (minimum)

WEIGHT 18.0 lbs/1000 ft. (nominal)

Designate outer jacket color with a dash number in accordance with MIL-STD-681.

Raychem

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THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCE DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.