

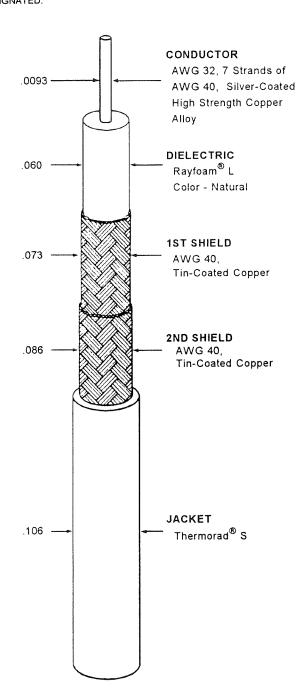
95 OHM, AWG 32, 7 STRANDS OF AWG 40. COAXIAL CABLE

Date: Revision: 7-2-97 Α

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

CONSTRUCTION DETAILS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.



Outer jacket color will be black (designated by a "-0" appended to the part number, e.g. 9532A3314-0) unless otherwise specified.

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

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC IMPEDANCE

95 ± 5 ohms, Method B

CAPACITANCE

13.5 pF/ft. (nominal)

VELOCITY OF PROPAGATION

79% (nominal)

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE INSULATION RESISTANCE (CONDUCTOR TO SHIELD)

JACKET FLAWS

SPARK TEST IMPULSE TEST **VOLTAGE WITHSTAND**

(DIELECTRIC)

CONDUCTOR TO SHIELD

198. ohms/1000 ft. (nominal) 10,000 megohms (minimum)

for 1000 ft.

1.0 kV (rms), 60 Hz

6.0 kV (peak)

1000 volts (rms) (minimum)

ENVIRONMENTAL

AGING STABILITY FLAMMABILITY

HEAT SHOCK LOW TEMPERATURE

COLD BEND

VOLTAGE WITHSTAND

(POST ENVIRONMENTAL)

135°C/-55°C/3.00 inch mandrel

Method C 225°C

-55°C/3.00 inch mandrel

1000 volts (rms), for 1 minute

PHYSICAL

INSULATION (DIELECTRIC)

ELONGATION TENSILE STRENGTH **JACKET**

ELONGATION

TENSILE STRENGTH JACKET THICKNESS SHIELD COVERAGE (EACH)

50% (minimum) 800 lbf/in2 (minimum)

90% (minimum)

250% (minimum) 2000 lbf/in2 (minimum) .010 inch (nominal)

8.8 lbs/1000 ft. (nominal) WEIGHT

Ravchem

Raychem Corporation 300 Constitution Drive Menlo Park, California 94025 1-800-2 Raychem FAX: 1-415-361-6297 THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HERIN. REFERENCE DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.