

CHEMINAX

75 OHM, AWG 30, 7 STRANDS OF AWG 38, COAXIAL CABLE

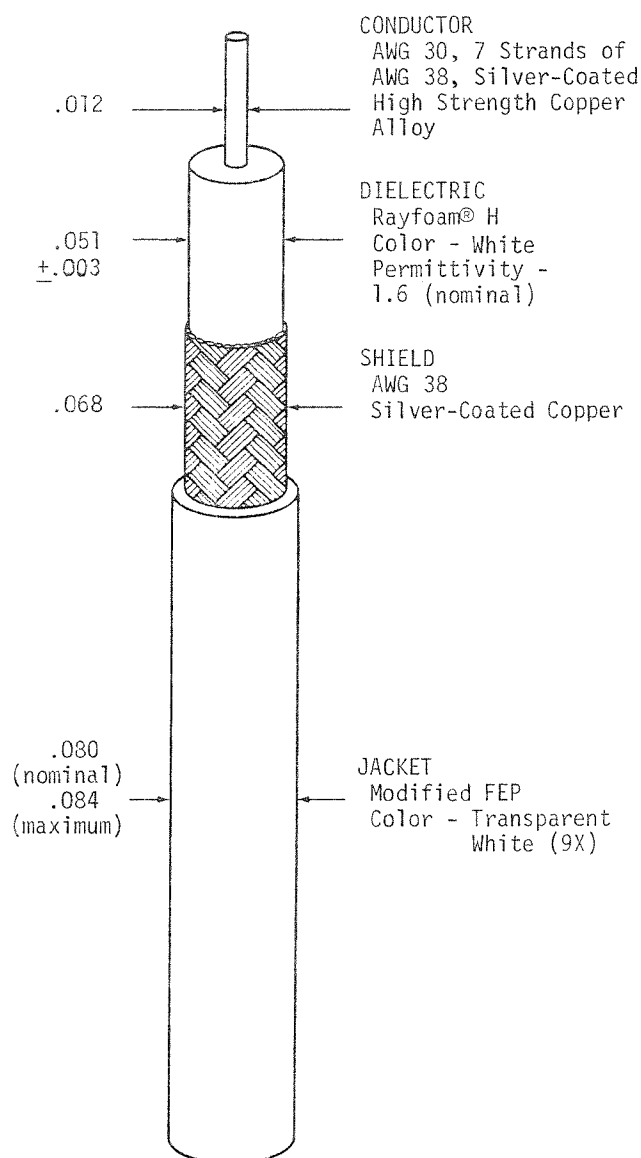
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THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

CONSTRUCTION DETAILS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.

**ELECTRICAL CHARACTERISTICS**

CHARACTERISTIC IMPEDANCE	75 ± 5 ohms, Method B
CAPACITANCE	17.5 pF/ft. (nominal) at 1 kHz ©
VELOCITY OF PROPAGATION	79% (nominal)

ADDITIONAL REQUIREMENTSELECTRICAL

CONDUCTOR RESISTANCE	116. 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)	500 volts (minimum)
VOLTAGE WITHSTAND (DIELECTRIC)	400 volts (minimum)

ENVIRONMENTAL

AGING STABILITY	135°C/-55°C/2.25 inch mandrel
FLAMMABILITY	Method B
HEAT SHOCK	225°C
LOW TEMPERATURE - COLD BEND	-55°C/2.25 inch mandrel

PHYSICAL

INSULATION (DIELECTRIC)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	600 psi (minimum)
JACKET	
ELONGATION	150% (minimum)
TENSILE STRENGTH	1000 psi (minimum)
JACKET THICKNESS	.006 inch (nominal)
SHIELD COVERAGE	90% (minimum)

WEIGHT	5.7 lbs/1000 ft. (nominal)
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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.