

**CHEMINAX**

50 OHM, AWG 18, 19 STRANDS OF AWG 30, COAXIAL CABLE

Date: 4-18-00  
Revision: F

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	26.4 pF/ft. (nominal)
VELOCITY OF PROPAGATION	77% (nominal)
ATTENUATION	8.3 dB/100 ft. (nominal) at 400 MHz 14.0dB/100 ft. (nominal) at 960 MHz

**ADDITIONAL REQUIREMENTS**

ELECTRICAL

CONDUCTOR RESISTANCE	6.07 ohms/1000 ft. (nominal)
INSULATION RESISTANCE	10,000 megohms (minimum) for 1000 ft.
JACKET FLAWS	
SPARK TEST	1.0 kV (rms)
IMPULSE TEST	6.0 kV, (peak)
VOLTAGE WITHSTAND (DIELECTRIC)	2000 volts (rms), (minimum)

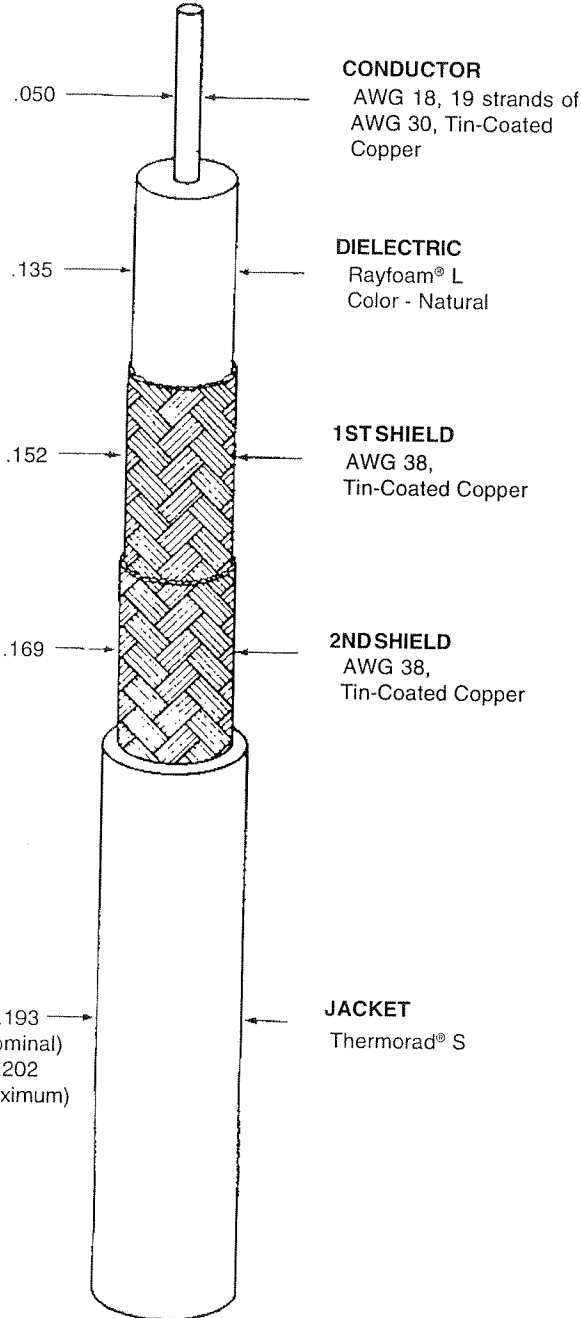
ENVIRONMENTAL

AGING STABILITY	135° C/-55° C/5.50 inch mandrel
FLAMMABILITY	Method C
HEAT SHOCK	225°C
LOW TEMPERATURE- COLD BEND	-55°C/5.50 inch mandrel
VOLTAGE WITHSTAND (POST ENVIRONMENTALS)	1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC) ELONGATION	50% (minimum)
TENSILE STRENGTH JACKET	1000 lbf/in <sup>2</sup> (minimum)
ELONGATION	250% (minimum)
TENSILE STRENGTH	2000 lbf/in <sup>2</sup> (minimum)
JACKET THICKNESS	.012 inch (nominal)
SHIELD COVERAGE (each)	90% (minimum)

WEIGHT 32.1 lbs/1000 ft. (maximum)



Outer jacket color will be black (designated by a "-0" appended to the part number, e.g 5018D3311-0) unless otherwise specified.

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.

单击下面可查看定价，库存，交付和生命周期等信息

[>>TE Connectivity\(泰科\)](#)