

CHEMINAX

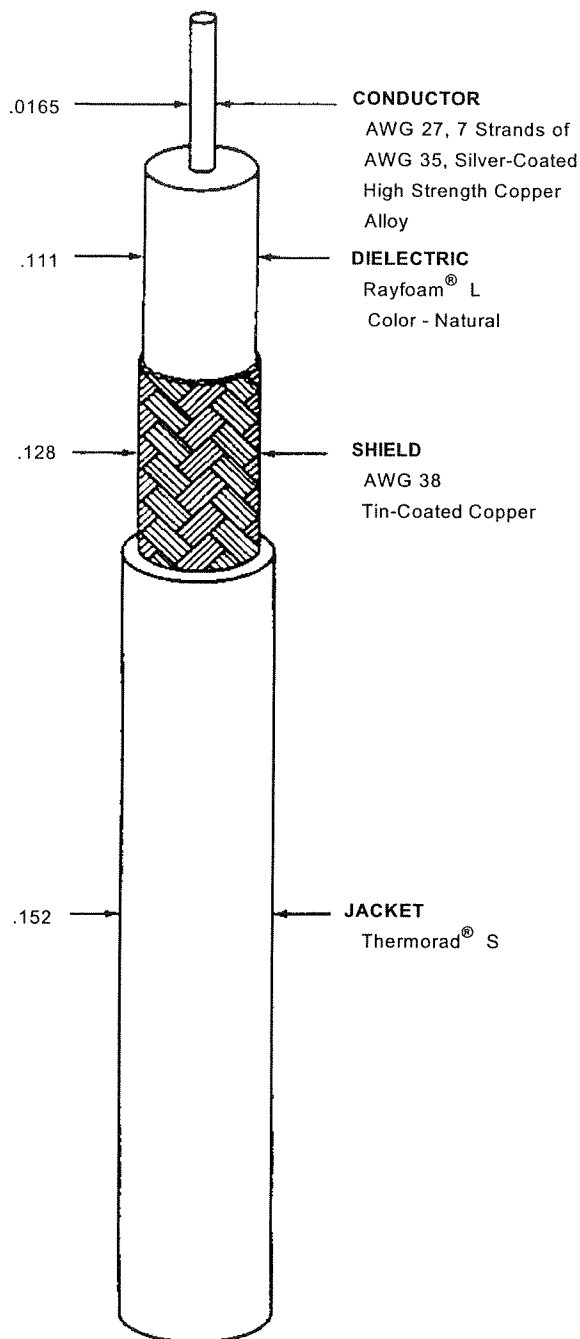
95 OHM, AWG 27, 7 STRANDS OF AWG 35, COAXIAL CABLE

Date: 7/03/01
Revision: E

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., 9527D1314-0) unless otherwise specified.

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

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC IMPEDANCE	95 ± 4 ohms, Method B
CAPACITANCE	13.5 pF/ft. (nominal) at 1 KHz
VELOCITY OF PROPAGATION	79% (nominal)
ATTENUATION	17.0 dB/100 ft. (maximum) at 400 MHz

ADDITIONAL REQUIREMENTS**ELECTRICAL**

CONDUCTOR RESISTANCE	51.5 ohms/1000ft. (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)	1000 volts (rms) (minimum)

ENVIRONMENTAL

FLAMMABILITY	Method C
HEAT SHOCK	225°C
LOW TEMPERATURE- COLD BEND	-55°C/4.25 inch mandrel
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	800 lbf/in ² (minimum)
JACKET	
ELONGATION	250% (minimum)
TENSILE STRENGTH	2000 lbf/in ² (minimum)
JACKET THICKNESS	.012 inch (nominal)
SHIELD COVERAGE	90% (minimum)

WEIGHT	12.2 lbs/1000 ft. (nominal)
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Menlo Park, California 94025
1-800-2 Raychem Fax: 1-650-361-6297THIS SPECIFICATION SHEET TAKES PRECEDENCE
OVER DOCUMENTS REFERENCED HEREIN. REFERENCE
DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT
ON DATE OF INVITATION FOR BID.