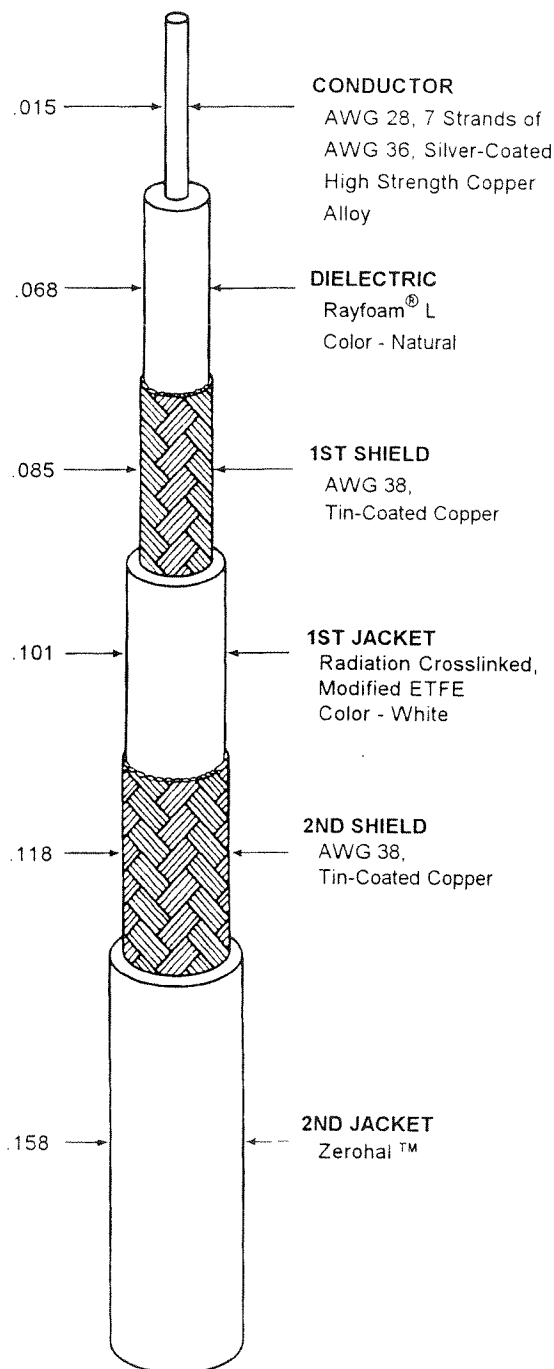


CHEMINAX75 OHM, AWG 28, 7 STRANDS OF AWG 36,
TRIAXIAL CABLEDate: 1-6-97
Revision: A

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. 7528F5814-0) unless otherwise specified.

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

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC IMPEDANCE	75 ± 8 ohms, Method B
CAPACITANCE	18.1 pF/ft. (nominal) at 1 kHz
VELOCITY OF PROPAGATION	75% (nominal)

ADDITIONAL REQUIREMENTS**ELECTRICAL**

CONDUCTOR RESISTANCE	74.0 ohms/1000 ft. (nominal)
INSULATION RESISTANCE (CONDUCTOR TO SHIELD)	10,000 megohms (minimum) for 1000 ft.
JACKET FLAWS	
SPARK TEST	1.0 kV (rms), 60 Hz
IMPULSE TEST	6.0 kV, (peak)
VOLTAGE WITHSTAND (DIELECTRIC)	
CONDUCTOR TO SHIELD	1000 volts (rms) (minimum)
SHIELD TO SHIELD	500 volts (rms) (minimum)

ENVIRONMENTAL

FLAMMABILITY	Method B
HEAT SHOCK	225°C
LOW TEMPERATURE- COLD BEND	-30°C/4.25 inch mandrel
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	1000 lbf/in² (minimum)
1ST JACKET	
ELONGATION	50% (minimum)
TENSILE STRENGTH	5000 lbf/in² (minimum)
2ND JACKET	
ELONGATION	150% (minimum)
TENSILE STRENGTH	1200 lbf/in² (minimum)
1ST JACKET THICKNESS	.008 inch (nominal)
2ND JACKET THICKNESS	.020 inch (nominal)
SHIELD COVERAGE (EACH)	90% (minimum)

WEIGHT	19.1 lbs/1000 ft. (nominal)
--------	-----------------------------

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