

WEIGHT 12.9 lbs/1000 ft. (nominal)

PHYSICAL	
INSULATION (DIELECTRIC)	50% (minimum) elongation 800 lbf/in ² (minimum) tensile strength
JACKET	250% (minimum) elongation 2000 lbf/in ² (minimum) tensile strength .012 inch (nominal) jacket thickness 90% (minimum) shield coverage
ENVIRONMENTAL	
AGING STABILITY	135°C/-55°/4.25 inch mandrel Method C
FLAMMABILITY	225°C
HEAT SHOCK	-55°C/4.25 inch mandrel
LOW TEMPERATURE- COLD BEND	-55°C/4.25 inch mandrel
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), 1 minute
ELECTRICAL	
CONDUCTOR RESISTANCE	24.8 ohms/1000 ft. (nominal)
JACKET FLAWS	10,000 megohms (minimum) for 1000 ft.
SPARK TEST	1.0 kV (rms), 60 Hz
IMPULSE TEST	6.0 kV (peak)
VOLTAGE WITHSTAND (DIELECTRIC)	1000 volts (rms) (minimum)

ADDITIONAL REQUIREMENTS	
CHARACTERISTIC IMPEDANCE	75 ± 3 ohms, Method B
CAPACITANCE	17.2 pF/ft. (nominal) 19.0 pF/ft. (maximum) at 1 kHz
VELOCITY OF PROPAGATION	79% (nominal)

ELECTRICAL CHARACTERISTICS

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

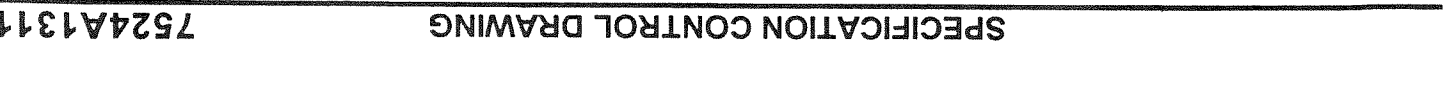
75 OHM, AWG 24, 19 STRANDS OF AWG 36, COAXIAL CABLE
Date: 1-23-97
Revision: B

7524A1311

SPECIFICATION CONTROL DRAWING

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., 7524A1311-0) unless otherwise specified.
Designate outer jacket color with a dash number in accordance with MIL-STD-681.

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