

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

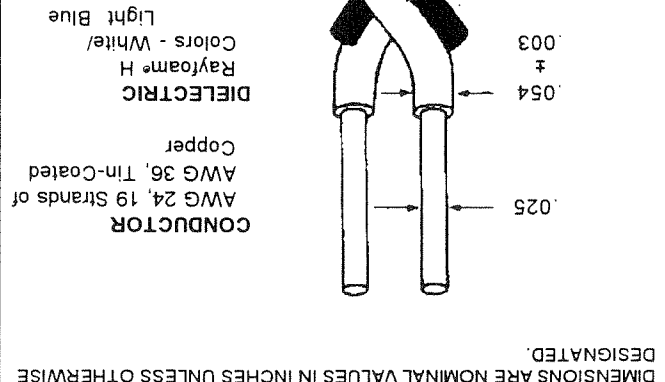
ELECTRICAL CHARACTERISTICS

CHARACTERISTIC IMPEDANCE	100 ± 8 ohms, Method C at 1 MHz
CAPACITANCE-MUTUAL	13.5 pF/ft. (nominal)
VELOCITY OF PROPAGATION	76% (nominal)
CAPACITANCE UNBALANCE	3% (nominal)

ADDITIONAL REQUIREMENTS

ELECTRICAL	CONDUCTOR RESISTANCE 24.8 ohms/1000 ft. (nominal) 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 1000 volts (rms), (minimum)
	LOOP RESISTANCE (DIELECTRIC) 60 ohms/1000 ft. (nominal)
ENVIRONMENTAL	AGING STABILITY 135°C/-55°C/3.75 inch mandrel Method B 225°C -55°C/3.75 inch mandrel
	FLAMMABILITY HEAT SHOCK COLD BEND
PHYSICAL	INSULATION (DIELECTRIC) (Prior to cabling) ELONGATION 50% (minimum) TENSILE STRENGTH 600 lbf/in ² (minimum)
	JACKET ELONGATION 200% (minimum) TENSILE STRENGTH 2000 lbf/in ² (minimum) JACKET THICKNESS .010 inch (nominal) SHIELD COVERAGE 90% (minimum) LOOP-RESISTANCE 60 ohms/1000 ft. (nominal)
	WEIGHT 17.3 lbs/1000 ft. (nominal)

CONSTRUCTION DETAILS



DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.

Outer jacket color will be transparent white (designated by a "-9X" appended to the part number, e.g. 0024A0021-9X) unless otherwise specified.
esignate outer jacket color with a dash number in accordance with MIL-STD-681.

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