

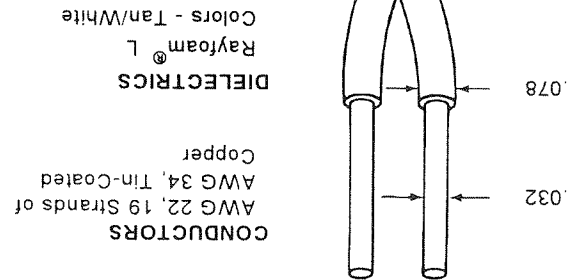
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC IMPEDANCE	100 ± 10 ohms, Method C at 1 MHz
CAPACITANCE - MUTUAL	13.5 pF/ft. (nominal)
VELOCITY OF PROPAGATION	75% (nominal)

CONSTRUCTION DETAILS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.



Outer jacket will be black (designated by a "-0" appended to the part number, e.g., 0022E0311-0) unless otherwise specified.

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

ADDITIONAL REQUIREMENTS

ELECTRICAL	CONDUCTOR RESISTANCE	14.75 ohms/1000 ft. (nominal)
	INSULATION RESISTANCE	10,000 megohms (minimum) for 1000 ft.
	JACKET FLAWS	SPARK TEST
		IMPULSE TEST
		1.0 kV (rms), 60 Hz
		6.0 kV (peak)
	VOLTAGE WITHSTAND (DIELECTRIC)	1000 volts (rms) (minimum)
ENVIRONMENTAL	AGING STABILITY	135°C/-55°C/5.50 inch mandrel Method C
	FLAMMABILITY	225°C
	HEAT SHOCK	-55°C/5.50 inch mandrel
	LOW TEMPERATURE-	
	COLD BEND	
	VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), 1 minute
PHYSICAL	INSULATION (DIELECTRIC) (Prior to Cabling)	50% (minimum)
	TENSILE STRENGTH	1000 lbf/in ² (minimum)
	JACKET	
	ELONGATION	250% (minimum)
	TENSILE STRENGTH	2000 lbf/in ² (minimum)
	JACKET THICKNESS	.015 inch (nominal)
	SHIELD COVERAGE	90% (minimum)

WEIGHT 20.0 lbs/1000 ft. (nominal)

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