

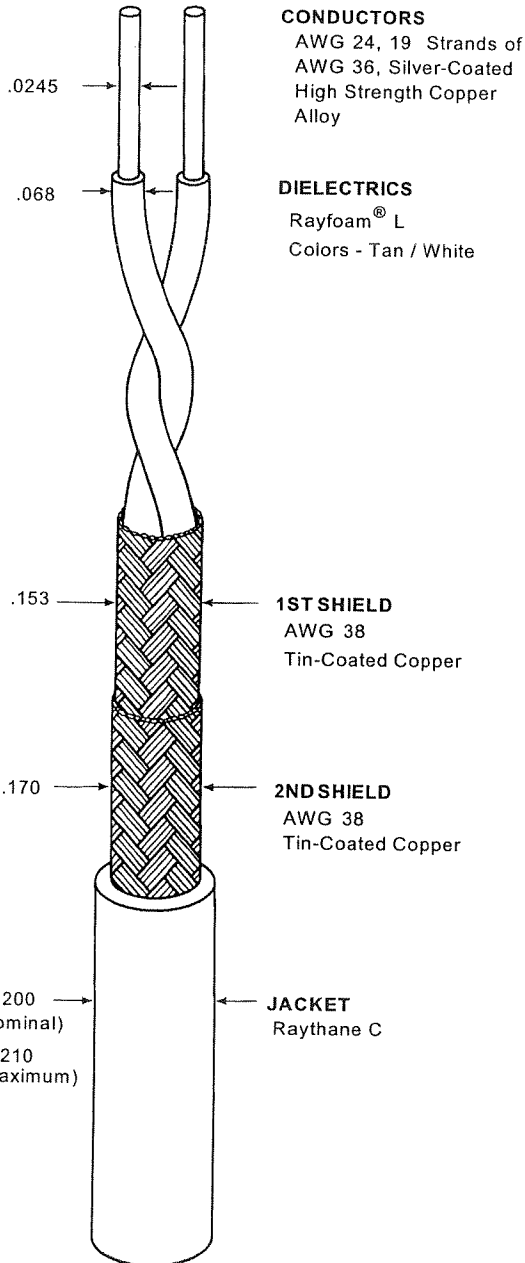
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

CONSTRUCTION DETAILS

ELECTRICAL CHARACTERISTICS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.

CHARACTERISTIC IMPEDANCE	120 ± 15 ohms Method C at 1 MHz
CAPACITANCE - MUTUAL	10.8 pF/ft. (nominal)
VELOCITY OF PROPAGATION	78% (nominal)



ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE	26.5 ohms/1000 ft. (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

HEATSHOCK	150°C
LOW TEMPERATURE- COLD BEND	-55°C/5.50 inch mandrel
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC) (Prior to Cabling)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	800 lbf/in ² (minimum)
JACKET	
ELONGATION	300% (minimum)
TENSILE STRENGTH	2500 lbf/in ² (minimum)
JACKET THICKNESS	.015 inch (nominal)
SHIELD COVERAGE (each)	90% (minimum)

WEIGHT	25.5 lbs/1000 ft. (nominal)
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Outer jacket will be black (designated by a "-0" appended to the part number, e.g., 2024D0014-0)

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

Mouser Electronics

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