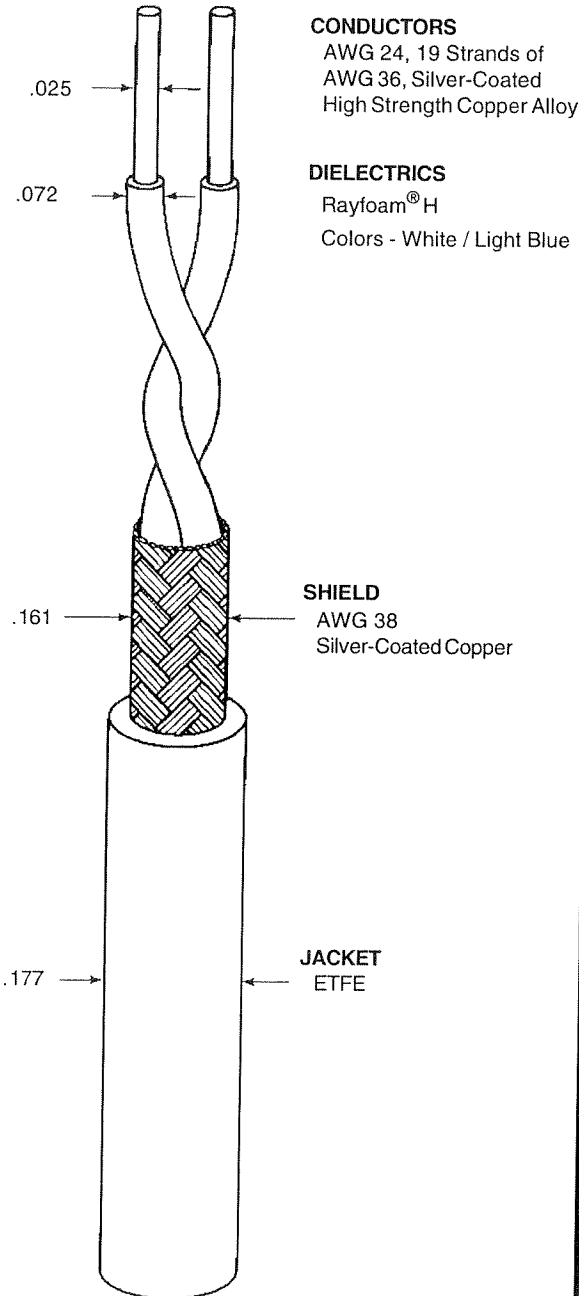


THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

**CONSTRUCTION DETAILS**

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.



**ELECTRICAL CHARACTERISTICS**

CHARACTERISTIC IMPEDANCE	125 ± 10 ohms, Method C at 1MHz
CAPACITANCE - MUTUAL	12.0 pF/ft. (nominal)
VELOCITY OF PROPAGATION	77% (nominal)

**ADDITIONAL REQUIREMENTS**

**ELECTRICAL**

CONDUCTOR RESISTANCE	27.5ohms/1000ft. (nominal)
INSULATION RESISTANCE	10,000megohms (minimum) for 1000ft.
JACKET FLAWS	
SPARK TEST	1.0kV (rms), 60Hz
IMPULSE TEST	6.0kV (peak)
VOLTAGE WITHSTAND (DIELECTRIC)	1000volts (minimum)

**ENVIRONMENTAL**

AGING STABILITY	135°C/-55°C/5.00inch mandrel
FLAMMABILITY	Method B
HEAT SHOCK	225°C
LOW TEMPERATURE- COLD BEND	-55°C/5.00inch mandrel
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000volts (rms) for 1 minute

**PHYSICAL**

INSULATION (DIELECTRIC) (Prior to Cabling)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	600lbf/in <sup>2</sup> (minimum)
JACKET	
ELONGATION	150% (minimum)
TENSILE STRENGTH	5000lbf/in <sup>2</sup> (minimum)
JACKET THICKNESS	.008inch (nominal)
SHIELD COVERAGE	90% (minimum)

WEIGHT	17.7 lbs/1000ft. (nominal)
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Outer jacket will be white (designated by a "-9" appended to the part number, e.g., 2524H0524-9) unless otherwise specified.

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