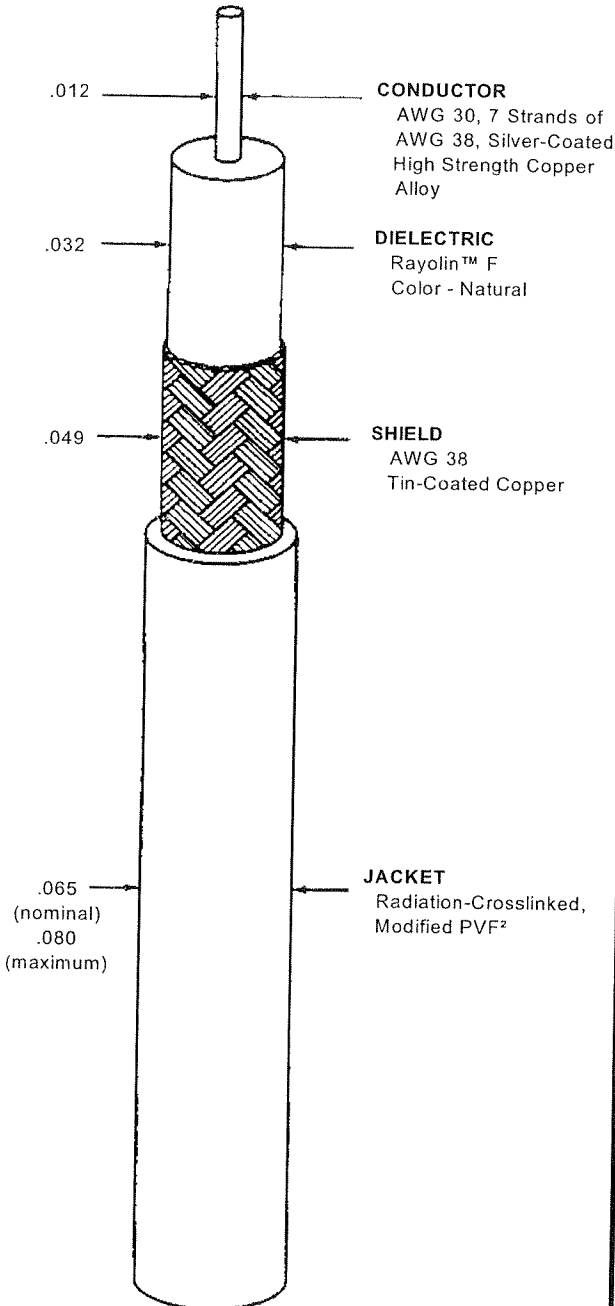


THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

CONSTRUCTION DETAILS	ELECTRICAL CHARACTERISTICS
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DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.



CHARACTERISTIC IMPEDANCE	50 ± 5 ohms, Method A
CAPACITANCE	30.9 pF/ft. (nominal)
VELOCITY OF PROPAGATION	66% (nominal)
ATTENUATION:	2.4 dB/100 ft. (nominal) at 3 MHz

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE	116. ohms/1000 ft. (maximum)
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

FLAMMABILITY	Method B
HEAT SHOCK	225°C
LOW TEMPERATURE- COLD BEND	-55°C/2.00 inch mandrel
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC)	
ELONGATION	200% (minimum)
TENSILE STRENGTH	1800 lbf/in ² (minimum)
JACKET	
ELONGATION	200% (minimum)
TENSILE STRENGTH	4000 lbf/in ² (minimum)
JACKET THICKNESS	.008 inch (nominal)
	.006 inch (minimum)
SHIELD COVERAGE	90% (minimum)

WEIGHT	4.0 lbs/1000 ft. (nominal)
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Outer jacket color will be black (designated by a "-9" appended to the part number, e.g., 5030L1134-9) unless otherwise specified.

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