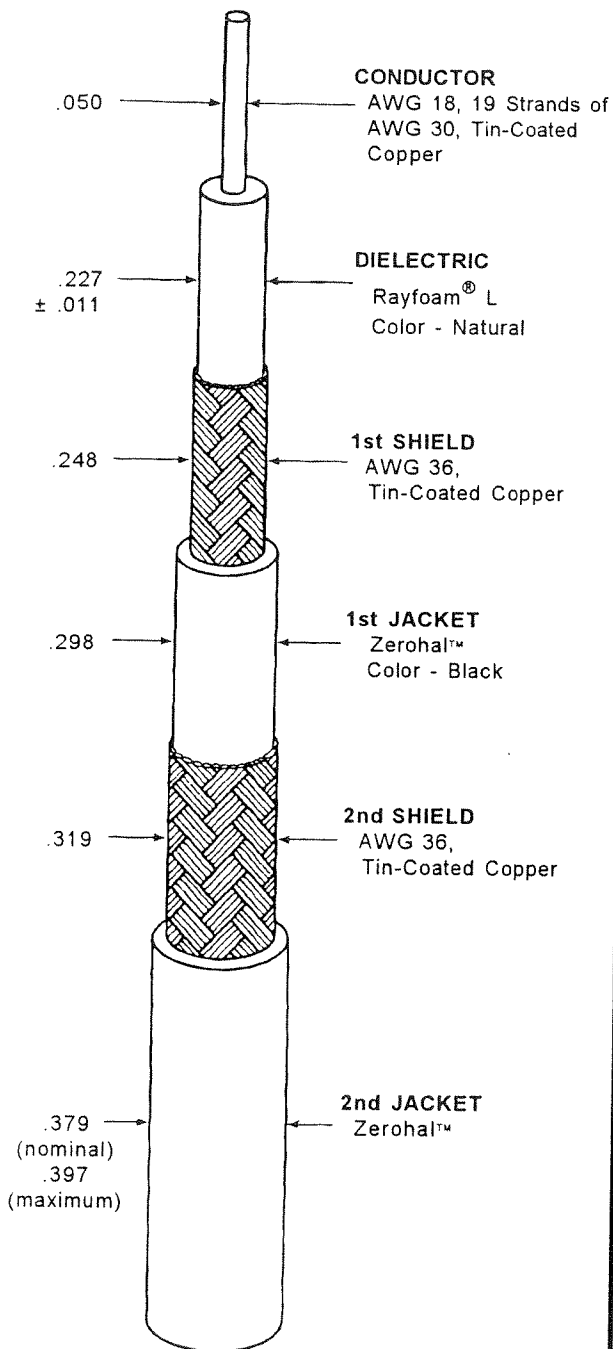


THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

CONSTRUCTION DETAILS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.



ELECTRICAL CHARACTERISTICS

CHARACTERISTIC IMPEDANCE	75 ± 3 ohms, Method B
CAPACITANCE	17.1 pF/ft. (nominal)
VELOCITY OF PROPAGATION	79% (nominal)
ATTENUATION	2.4 dB/100 ft. (maximum) at 100 MHz

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE	6.07 ohms/1000 ft. (nominal)
INSULATION RESISTANCE	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 (DIELECTRIC)	
CONDUCTOR TO SHIELD	1000 volts (rms) (minimum)
SHIELD TO SHIELD	500 volts (rms) (minimum)

ENVIRONMENTAL

FLAMMABILITY	Method B
HEAT SHOCK	225°C
LOW TEMPERATURE-COLD BEND	-30°C/10.00 inch mandrel
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), for 1 minute

PHYSICAL

INSULATION (DIELECTRIC)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	800 lbf/in ² (minimum)
JACKET (EACH)	
ELONGATION	150% (minimum)
TENSILE STRENGTH	1200 lbf/in ² (minimum)
1st JACKET THICKNESS	.025 inch (nominal)
2nd JACKET THICKNESS	.030 inch (nominal)
SHIELD COVERAGE (EACH)	90% (minimum)

WEIGHT 88.7 lbs/1000 ft. (nominal)

Outer jacket color will be black designated by a "0" appended to the part number, e.g. 7518A5811-0 unless otherwise specified.

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