

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

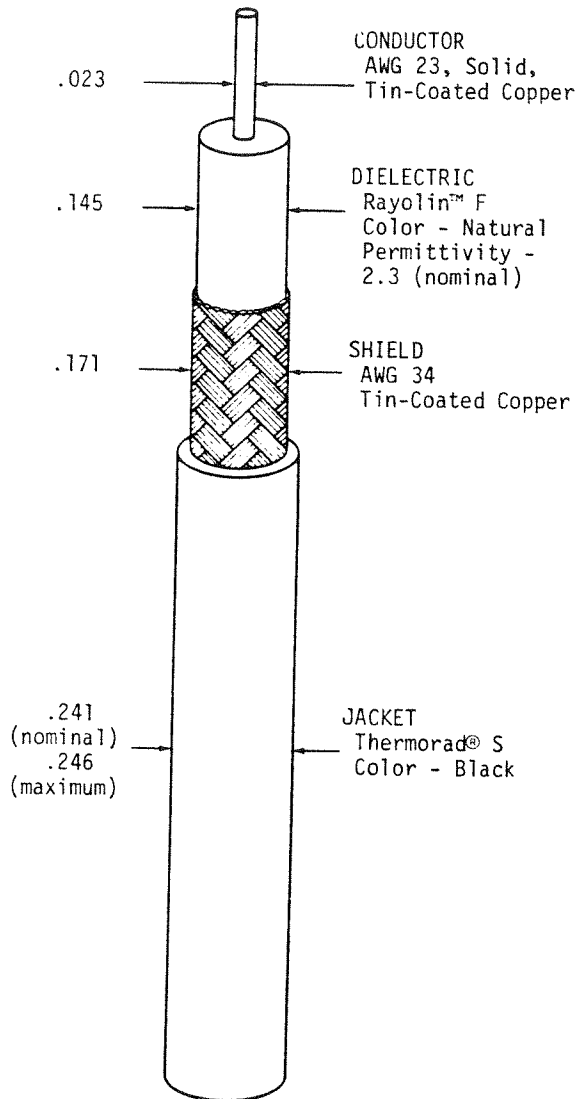
CONSTRUCTION DETAILS

ELECTRICAL CHARACTERISTICS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.

CHARACTERISTIC IMPEDANCE	75 ± 3 ohms, Method B
CAPACITANCE	20.5 pF/ft. (nominal) at 1 kHz 23.5 pF/ft. (maximum) at 1 kHz
VELOCITY OF PROPAGATION	66% (nominal)

ADDITIONAL REQUIREMENTS



ELECTRICAL

CONDUCTOR RESISTANCE	20.7 ohms/1000 ft. (nominal)
INSULATION RESISTANCE	10,000 megohms (minimum) for 1000 ft.
JACKET FLAWS	
SPARK TEST	1.0 kV, 60 Hz (rms)
IMPULSE TEST	6.0 kV (peak)
PARTIAL DISCHARGE (CORONA)	850 volts (minimum)
VOLTAGE WITHSTAND (DIELECTRIC)	1000 volts (minimum)

ENVIRONMENTAL

AGING STABILITY	135°C/-55°C/7.00 inch mandrel
FLAMMABILITY	Method C
HEAT SHOCK	225°C
LOW TEMPERATURE - COLD BEND	-55°C/7.00 inch mandrel

PHYSICAL

INSULATION (DIELECTRIC)	
ELONGATION	250% (minimum)
TENSILE STRENGTH	1500 psi (minimum)
JACKET	
ELONGATION	250% (minimum)
TENSILE STRENGTH	2000 psi (minimum)
JACKET THICKNESS	.035 inch (nominal)
SHIELD COVERAGE	90% (minimum)

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

WEIGHT

34.7 lbs/1000 ft. (nominal)