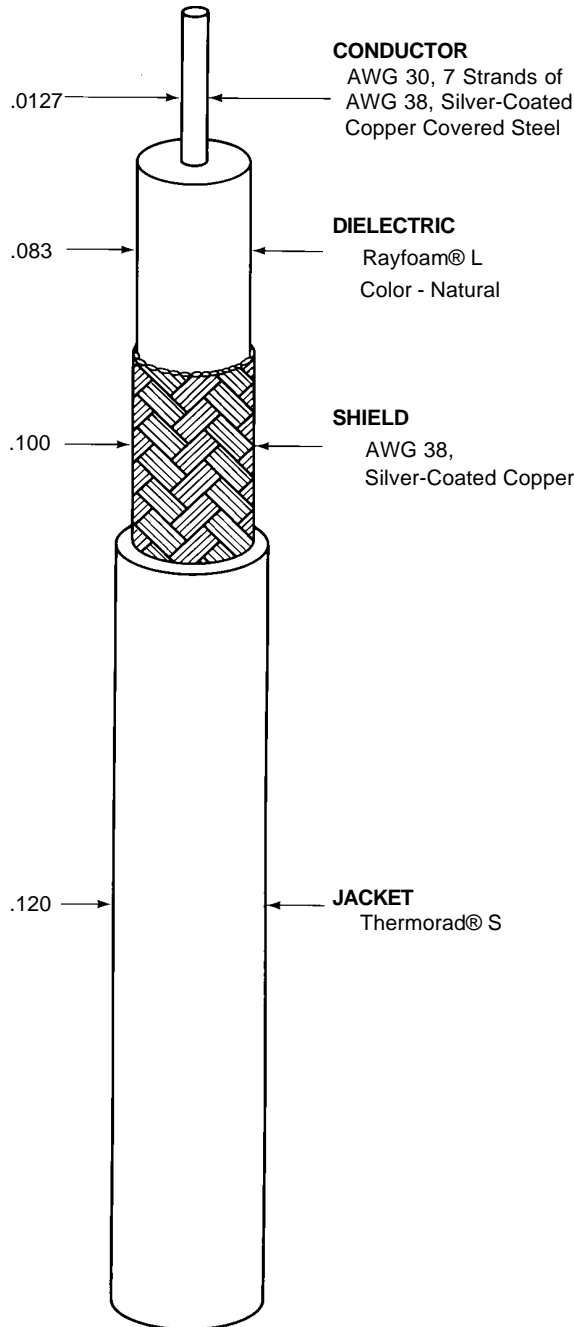


THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

CONSTRUCTION DETAILS

ELECTRICAL CHARACTERISTICS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.



CHARACTERISTIC IMPEDANCE 95 ± 5 ohms, Method B

CAPACITANCE 13.5 pF/ft. (nominal) at 1 kHz

VELOCITY OF PROPAGATION 79% (nominal)

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE 235. 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

FLAMMABILITY Method C
 HEAT SHOCK 225°C
 LOW TEMPERATURE- COLD BEND -55°C/3.25 inch mandrel
 VOLTAGE WITHSTAND (POST ENVIRONMENTAL) 1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC) ELONGATION 50% (minimum)
 TENSILE STRENGTH 800 lbf/in² (minimum)
 JACKET ELONGATION 200% (minimum)
 TENSILE STRENGTH 2000 lbf/in² (minimum)
 JACKET THICKNESS .010 inch (nominal)
 SHIELD COVERAGE 90% (minimum)

WEIGHT 8.4 lbs/1000 ft. (nominal)

Outer jacket color will be black, designated by a "0" appended to the part number (e.g., 9530A1318-0), unless otherwise specified.

Designate outer jacket color with a dash number in accordance with MIL-STD-681. Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. Tyco Electronics also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.