CHEMINAX

75 OHM, AWG 28, SOLID, COAXIAL CABLE

Date: 04-17-03 Revision: Α

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

CONSTRUCTION DETAILS

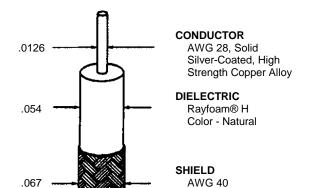
ELECTRICAL CHARACTERISTICS

DIMENSIONS ARE NOMINAL VALUES IN INCHES, UNLESS OTHERWISE DESIGNATED.

> CHARACTERISTIC IMPEDANCE 75 ± 3 ohms, Method B

CAPACITANCE 16.9 pF/ft. (nominal) at 1 kHz

VELOCITY OF PROPAGATION 80% (nominal)



Tin-Coated Copper

JACKET

Modified FEP

ELECTRICAL

78.1 ohms/1000 ft. (nominal) CONDUCTOR RESISTANCE INSULATION RESISTANCE 10,000 megohms (minimum) for 1000 ft.

ADDITIONAL REQUIREMENTS

JACKET FLAWS

SPARK TEST 1.0 kV **IMPULSE TEST** 6.0 kV, (peak) 750 volts (minimum)

VOLTAGE WITHSTAND (DIELECTRIC)

ENVIRONMENTAL

FLAMMABILITY Method B HEAT SHOCK 225°C

LOW TEMPERATURE --55°C/2.25 inch mandrel **COLD BEND**

VOLTAGE WITHSTAND (POST ENVIRONMENTAL) 1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC)

ELONGATION 50% (minimum) TENSILE STRENGTH 600 psi (minimum)

JACKET **ELONGATION** TENSILE STRENGTH JACKET THICKNESS

200% (minimum) 2000 lbf/in² (minimum) .006 inch (minimum)

SHIELD COVERAGE

.008 inch (nominal) 90% (minimum)

Outer jacket color will be Translucent white (designated by a " -9X " appended to the part number, e.g., 7528H1424-9X) unless otherwise specified.

Designate outer jacket color with a dash 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.

WEIGHT 6.3 lbs/1000 ft. (nominal)

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.



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R Wire & Cable