SPECIFICATION CONTROL DRAWING

5028P3514

CHEMINAX

.057

.074

.090

50 OHM, AWG 28, 7 STRANDS OF AWG 36, COAXIAL CABLE

9-7-12 Date Revision Α

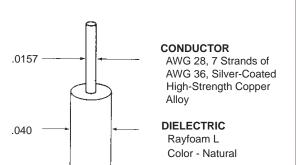
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

CONSTRUCTION DETAILS

ELECTRICAL CHARACTERISTICS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.

CHARACTERISTIC IMPEDANCE 50 ± 2 ohms, Method A 27.4 pF/ft. (nominal) **CAPACITANCE** VELOCITY OF PROPAGATION 74% (nominal)



ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE 60.5 ohms/1000 ft. (nominal) INSULATION RESISTANCE 10,000 megohms (minimum)

for 1000 ft.

JACKET FLAWS 1.0 kV (rms) SPARK TEST 6.0 kV (peak) **IMPULSE TEST**

VOLTAGE WITHSTAND (DIELECTRIC) 750 volts (rms) (minimum)

AWG 38. Silver-Coated Copper 2ND SHIELD

1ST SHIELD

AWG 38.

JACKET

UXL-ETFE

Silver-Coated Copper

ENVIRONMENTAL

FLAMMABILITY Method B

LOW TEMPERATURE-COLD BEND -55°C/2.50 inch mandrel **VOLTAGE WITHSTAND** 1000 volts (rms), 1 minute

(Post Environmental)

PHYSICAL

INSULATION (DIELECTRIC)

ELONGATION 50% (minimum) TENSILE STRENGTH 1000 lbf/in2 (minimum)

JACKET

ELONGATION 150% (minimum) TENSILE STRENGTH 5000 lbf/in2 (minimum) JACKET THICKNESS .008 inch (nominal) SHIELD COVERAGE (each) 90% (minimum)

Outer jacket color will be white (designated by a "-9" appended to the part number, e.g. 5028P3514-9) 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.

WEIGHT 8.6 lbs/1000 ft. (nominal)

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. Tyco Electronics Corporation 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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