SPECIFICATION CONTROL DRAWING

5028A3318

CHEMINAX

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

Date 7-15-13
Revision G

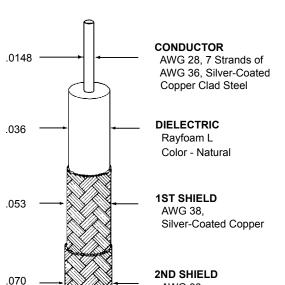
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

CONSTRUCTION DETAILS

ELECTRICAL CHARACTERISTICS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.

CHARACTERISTIC IMPEDANCE 50 ± 2 ohms, Method A CAPACITANCE 27.8 pF/ft. (nominal) VELOCITY OF PROPAGATION 73% (nominal)



AWG 38.

JACKET

Thermorad S

Silver-Coated Copper

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE 150. ohms/1000 ft. (nominal) INSULATION RESISTANCE 10,000 megohms (minimum)

for 1000 ft.

JACKET FLAWS

1.0 kV (rms) 6.0 kV (peak)

SPARK TEST IMPULSE TEST

750 volts (rms) (minimum)

VOLTAGE WITHSTAND (DIELECTRIC)

ENVIRONMENTAL

FLAMMABILITY Method C HEAT SHOCK 225°C

LOW TEMPERATURE-COLD BEND VOLTAGE WITHSTAND

-55°C/2.50 inch mandrel 1000 volts (rms) , 1 minute

(Post Environmental)

PHYSICAL

INSULATION (DIELECTRIC)

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

JACKET

ELONGATION 200% (minimum)
TENSILE STRENGTH 2000 lbf/in² (minimum)

JACKET THICKNESS .010 inch (nominal)

SHIELD COVERAGE (each) 90% (minimum)

Outer jacket color will be black (designated by a "-0" appended to the part number, e.g. 5028A3318-0) 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.

WEIGHT 7.9 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.

Page 1 of 1

.090

Rayfoam, Thermorad, Cheminax, Raychem, TE Connectivity, TE connectivity (logo) and TE (logo) are trademarks.

