#### SPECIFICATION CONTROL DRAWING

5028A1317

**CHEMINAX** 

.053

.071

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

 Date
 2-19-13

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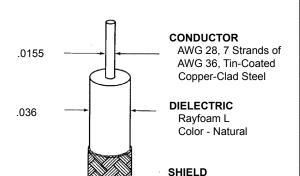
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200

#### **CONSTRUCTION DETAILS**

**ELECTRICAL CHARACTERISTICS** 

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.

CHARACTERISTIC IMPEDANCE  $50 \pm 2$  ohms, Method A CAPACITANCE 27.5 pF/ft. (nominal) VELOCITY OF PROPAGATION 74% (nominal)



AWG 38.

**JACKET** 

Thermorad S

Tin-Coated Copper

### **ADDITIONAL REQUIREMENTS**

**ELECTRICAL** 

CONDUCTOR RESISTANCE 162. 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/2.00 inch mandrel

VOLTAGE WITHSTAND
(Post Environmental)
-55°C/2.00 inch mandrel
1000 volts (rms), 1 minute

**PHYSICAL** 

INSULATION (DIELECTRIC)

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

JACKET

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

JACKET THICKNESS .007 inch (minimum)
.009 inch (nominal)

SHIELD COVERAGE

Outer jacket color will be black (designated by a "-0" appended to the part number, e.g. 5028A1317-0) 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 4.2 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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Raychem Wire & Cable 501 Oakside Avenue Redwood City, California 94063-3800 1-800-227-8816 Fax: 1-650-361-6297

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90% (minimum)

## 单击下面可查看定价,库存,交付和生命周期等信息

# >>TE Connectivity(泰科)