#### SPECIFICATION CONTROL DRAWING

1726A1424

**CHEMINAX** 

.107

.123

 $\pm .006$ 

otherwise specified.

120 OHM, AWG 26, 7 STRANDS OF AWG 34, RADIO FREQUENCY, TWINAXIAL CABLE

4-16-09 Date Revision F

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** 

CONDUCTOR AWG 26, 7 Strands of .019 AWG 34, Silver-Coated High Strength Copper Alloy .047 **DIELÉCTRIC** Ravfoam H Color - White/Light Blue .031 **FILLERS FEP** 

**SHIELD** 

**JACKET** 

Modified FEP

AWG 40.

Optimized

Silver-Coated Copper

CHARACTERISTIC IMPEDANCE 120 ± 12 ohms, Method D at 700 kHz - 1 MHz 110 ± 10 ohms, Method D at 1 MHz - 20 MHz

MUTUAL CAPACITANCE 13.72 pF/ft. (maximum)

VELOCITY OF PROPAGATION 77% (nominal)

**ATTENUATION** 3 dB/100 ft. (maximum) at 1 MHz 8 dB/100 ft. (maximum) at 5 MHz

SURFACE TRANSFER IMPEDANCE 50 milliohms/m (maximum) at 0.1 MHz

50 milliohms/m (maximum) at 1 MHz

50 milliohms/m (maximum) at 10 MHz 100 milliohms/m (maximum) at 30 MHz

CAPACITANCE UNBALANCE 3.5% (maximum)

## ADDITIONAL REQUIREMENTS

**ELECTRICAL** 

CONDUCTOR RESISTANCE 43.9 ohms/1000 ft. (nominal) **INSULATION RESISTANCE** 10,000 megohms (minimum)

(CONDUCTOR TO SHIELD) 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 B **HEAT SHOCK** 225°C

LOW TEMPERATURE-COLD BEND -55°C/3.50 inch mandrel **VOLTAGE WITHSTAND** 1000 volts (rms), 1 minute

(Post Environmental)

**PHYSICAL** 

INSULATION (DIELECTRIC)

(Prior to Cabling)

**ELONGATION** 50% (minimum) 600 lbf/in2 (minimum) TENSILE STRENGTH

JACKET

**ELONGATION** 200% (minimum) TENSILE STRENGTH 2000 lbf/in2 (minimum) JACKET THICKNESS .008 inch (nominal) 90% (minimum)

SHIELD COVERAGE

WEIGHT 12.2 lbs/1000 ft. (nominal)

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. Tyco Electronics 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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requirements imposed by the purchase order.

Outer jacket color will be translucent white (designated by a

"-9X" appended to the part number, e.g. 1726A1424-9X) unless

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

> Raychem Wire & Cable 501 Oakside Avenue Redwood City, California 94063-3800 1-800-227-8816 Fax: 1-650-361-6297

THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

## 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)