

.051

.035

.119 -

.143

100 OHM, AWG 24, 19 STRANDS OF AWG 36, TWIN CONDUCTOR CABLE, OUTER SPACE USE

Date: 07-24-06 Revision: C

100 ± 7 ohms, Method C at 1 MHz

14.5 pF/ft. (nominal) at 1 MHz

76% (nominal)

REQUIREMENTS

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

CHARACTERISTIC IMPEDANCE

VELOCITY OF PROPAGATION

ADDITIONAL

CAPACITANCE - MUTUAL

## CONSTRUCTION **DETAILS**

## **ELECTRICAL CHARACTERISTICS**

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.

CONDUCTOR .025

AWG 24, 19 Strands of AWG 36, Silver-Coated High Strength Copper Alloy

Rayfoam ® L Colors - Tan / White

**FILLERS** Radiation-Crosslinked Modified ETFE

SHIELD AWG 38, Silver-Coated Copper

Modified PVF<sub>2</sub>

Radiation-Crosslinked,

JACKET

**DIELECTRICS** 

**ELECTRICAL** 

CONDUCTOR RESISTANCE 26.5 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 B **HEATSHOCK** 225°C

LOW TEMPERATURE--55°C/4.00 inch mandrel COLD BEND

VOLTAGE WITHSTAND

(POST ENVIRONMENTAL) 1000 volts (rms), for 1 minute

**PHYSICAL** 

INSULATION (DIELECTRIC)

(Prior to cabling) **ELONGATION** 50% (minimum) 1000 lbf/in2 (minimum) TENSILE STRENGTH

**JACKET ELONGATION** 200% (minimum) 4000 lbf/in2 (minimum) TENSILE STRENGTH JACKET THICKNESS .012 inch (nominal) SHIELD COVERAGE 90% (minimum)

WEIGHT 15.3 lbs/1000 ft. (nominal)

**OUTER SPACE REQUIREMENTS** 

RADIATION RESISTANCE VACUUM STABILITY TOTAL MASS LOSS (TML) **VOLATILE CONDENSABLE** 

1.0% (maximum)

500 megorads / 4.25 inch mandrel

0.1% (maximum) MATERIAL (VCM)

Outer jacket color will be white (designated by a "9" appended to the part number, e.g. 0024K0214-9) 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.

Wire & Cable

Electronics

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.

tyco 501 Oakside Avenue THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. Raychem Redwood City, California 94063-3800 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)