

.139

.169

(nominal)

.178

(maximum)

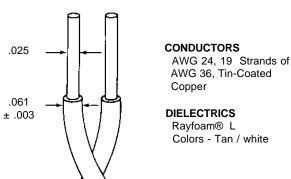
100 OHM, RADIO FREQUENCY, AWG 24, 19 STRANDS OF AWG 36, Date: 10-3-05
TWIN CONDUCTOR CABLE Revision: E

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.



SHIELD

AWG 38

JACKET

Zerohal™

Tin-Coated Copper

CHARACTERISTIC IMPEDANCE 100 ± 10 ohms, Method B

CAPACITANCE - MUTUAL 13.2 pF/ft. (nominal)

14.0 pF/ft. (maximum)

VELOCITY OF PROPAGATION 77% (nominal)

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE 25.0 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 HEAT SHOCK 225°C

LOW TEMPERATURE- -30°C/4.50 inch mandrel

COLD BEND

PHYSICAL

INSULATION (DIELECTRIC)

(Prior to cabling)

ELONGATION TENSILE STRENGTH

JACKET

ELONGATION TENSILE STRENGTH JACKET THICKNESS SHIELD COVERAGE 50% (minimum) 800 lbf/in² (minimum)

150% (minimum) 1200 lbf/in² (minimum) .015 inch (nominal) 90% (minimum)

Outer jacket will be black (designated by a "-0" appended to the part number, e.g., 0024E0811-0) 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

16.3 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.



Raychen 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)