

.131

.135

.156

.160

Date: 1-6-05 50 OHM, AWG 19, SOLID, COAXIAL CABLE Revision: Α

CHARACTERISTIC IMPEDANCE

VELOCITY OF PROPAGATION

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

CONSTRUCTION DETAILS

ELECTRICAL CHARACTERISTICS

ADDITIONAL REQUIREMENTS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE

50 ± 2 ohms. Method A

DESIGNATED.

CAPACITANCE

29.4 pF/ft. (nominal)

69% (nominal)

ATTENUATION

2.1 dB/100ft (nominal) at 30 MHz 9.6 dB/100ft (nominal) at 450MHz 20.7 dB/100ft (nominal) at 1.5GHz

29.5 dB/100ft (nominal) at 2.5GHz

.0359 CONDUCTOR AWG 19, Solid, Silver-Coated Copper .110 **DIELECTRIC**

Modified FEP (Solid) Color - Natural

1ST SHIELD

AWG 36, Tin-Coated Copper

1ST WRAP Polyester Tape

2ND SHIELD AWG 36,

2ND WRAP Polyester Tape

Tin-Coated Copper

ELECTRICAL

CONDUCTOR RESISTANCE INSULATION RESISTANCE

8.2 ohms/1000 ft. (nominal)

10,000 megohms (minimum) for 1000 ft.

VOLTAGE WITHSTAND

(DIELECTRIC)

CONDUCTOR TO SHIELD

1000 volts (rms), (minimum)

PHYSICAL

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.

INSULATION (DIELECTRIC)

ELONGATION TENSILE STRENGTH WRAP (EACH)

150% (minimum) 1000 lbf/in² (minimum) .001 inch thick (nominal)

25% overlap (minimum) 90% (minimum)

SHIELD COVERAGE (EACH)

WEIGHT 30.5 lbs/1000 ft. (nominal)

tyco **Electronics**

Raychem Wire & Cable

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