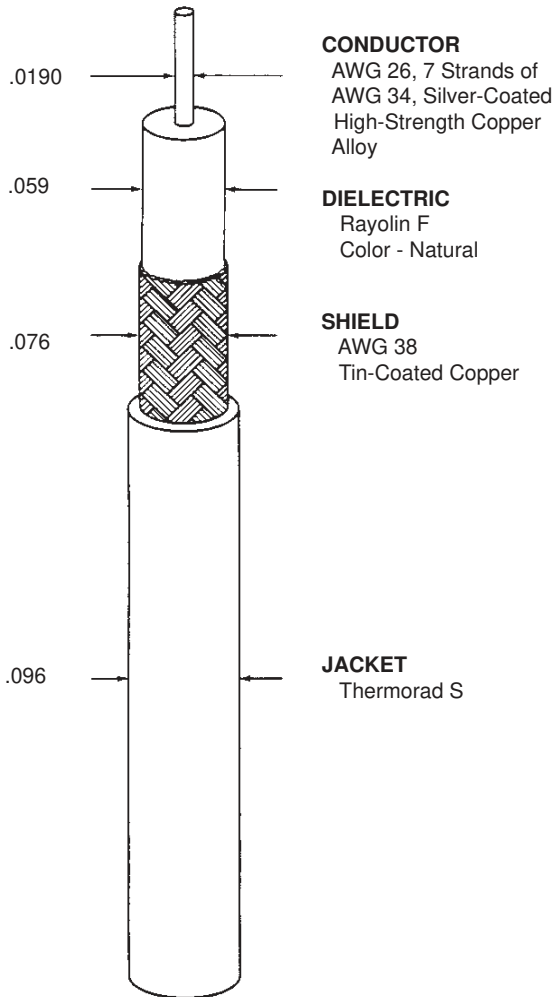


SPECIFICATION CONTROL DRAWING			5026A1334
CHEMINAX	50 OHM, AWG 26, 7 STRANDS OF AWG 34, COAXIAL CABLE	Date	4-1-11
		Revision	B

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

CONSTRUCTION DETAILS	ELECTRICAL CHARACTERISTICS
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DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.



CONDUCTOR
AWG 26, 7 Strands of
AWG 34, Silver-Coated
High-Strength Copper
Alloy

DIELECTRIC
Rayolin F
Color - Natural

SHIELD
AWG 38
Tin-Coated Copper

JACKET
Thermorad S

CHARACTERISTIC IMPEDANCE	50 ± 2 ohms, Method A
CAPACITANCE	30.8 pF/ft. (nominal) 33.5 pF/ft. (maximum)
VELOCITY OF PROPAGATION	66% (nominal)

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE	43.9 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/2.75 inch mandrel
VOLTAGE WITHSTAND (Post Environmental)	1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC)	
ELONGATION	200% (minimum)
TENSILE STRENGTH	1800 lbf/in ² (minimum)
JACKET	
ELONGATION	200% (minimum)
TENSILE STRENGTH	2000 lbf/in ² (minimum)
JACKET THICKNESS	.010 inch (nominal)
SHIELD COVERAGE	90% (minimum)

Outer jacket color will be black (designated by a "-0" appended to the part number, e.g. 5026A1334-0) 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	7.1 lbs/1000 ft. (nominal)
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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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THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.