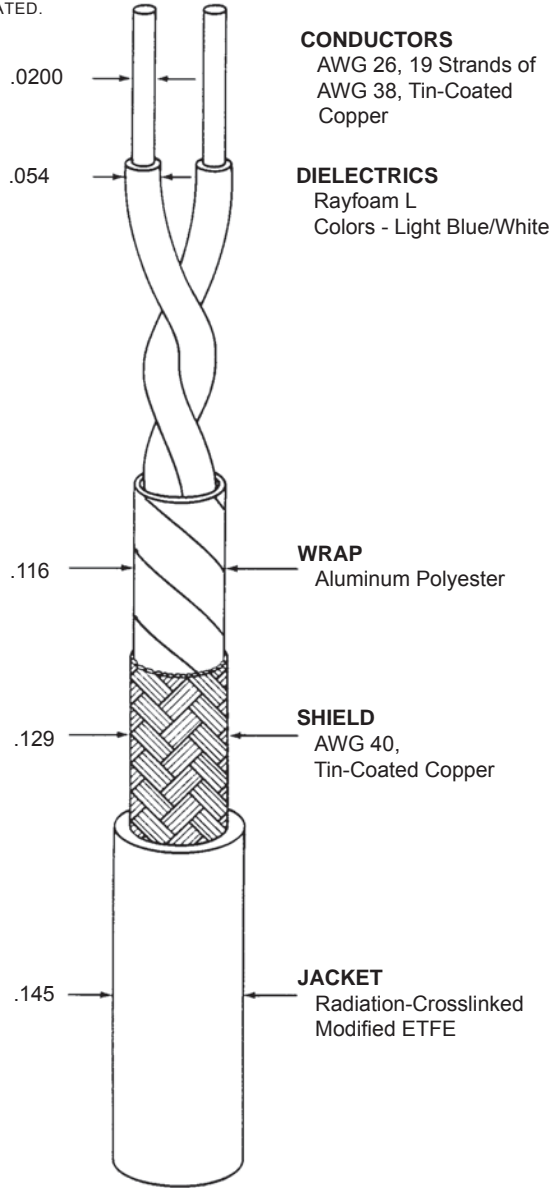


<b>SPECIFICATION CONTROL DRAWING</b>		<b>0026H0611</b>	
<b>CHEMINAX</b>	100 OHM, AWG 26, 19 STRANDS OF AWG 38, TWINAXIAL CABLE	Date	4-6-09
		Revision	D

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

<b>CONSTRUCTION DETAILS</b>	<b>ELECTRICAL CHARACTERISTICS</b>
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DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.



**CONDUCTORS**  
AWG 26, 19 Strands of  
AWG 38, Tin-Coated  
Copper

**DIELECTRICS**  
Rayfoam L  
Colors - Light Blue/White

**WRAP**  
Aluminum Polyester

**SHIELD**  
AWG 40,  
Tin-Coated Copper

**JACKET**  
Radiation-Crosslinked  
Modified ETFE

CHARACTERISTIC IMPEDANCE	100 ± 8 ohms, Method A
CAPACITANCE - MUTUAL	14.5 pF/ft. (nominal)
CAPACITANCE UNBALANCE	5% (maximum)
VELOCITY OF PROPAGATION	75% (nominal)
ATTENUATION	10.8 dB/30 ft. (maximum) at 1 GHz
SKEW	180 psec/30 ft. (maximum) at 100 MHz

**ADDITIONAL REQUIREMENTS**

**ELECTRICAL**

CONDUCTOR RESISTANCE	39.1 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-COLD BEND	-55°C/4.00 inch mandrel
VOLTAGE WITHSTAND (Post Environmental)	1000 volts (rms) for 1 minute

**PHYSICAL**

INSULATION (DIELECTRIC) (Prior to Cabling)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	1000 lbf/in <sup>2</sup> (minimum)
JACKET	
ELONGATION	50% (minimum)
TENSILE STRENGTH	5000 lbf/in <sup>2</sup> (minimum)
JACKET THICKNESS	.008 inch (nominal)
SHIELD COVERAGE	90% (minimum)
WRAP	.002 inch thick (nominal) 25% Overlap (minimum) Aluminum side facing out

WEIGHT 12.3 lbs/1000 ft. (nominal)

Outer jacket color will be white (designated by a "-9" appended to the part number, e.g. 0026H0611-9) 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.

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.