

**SPECIFICATION CONTROL DRAWING**

**2524E0911**

**CHEMINAX**

125 OHM, AWG 24, 19 STRANDS OF AWG 36,  
TWINAXIAL CABLE

Date: 10-21-19  
Revision: D

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

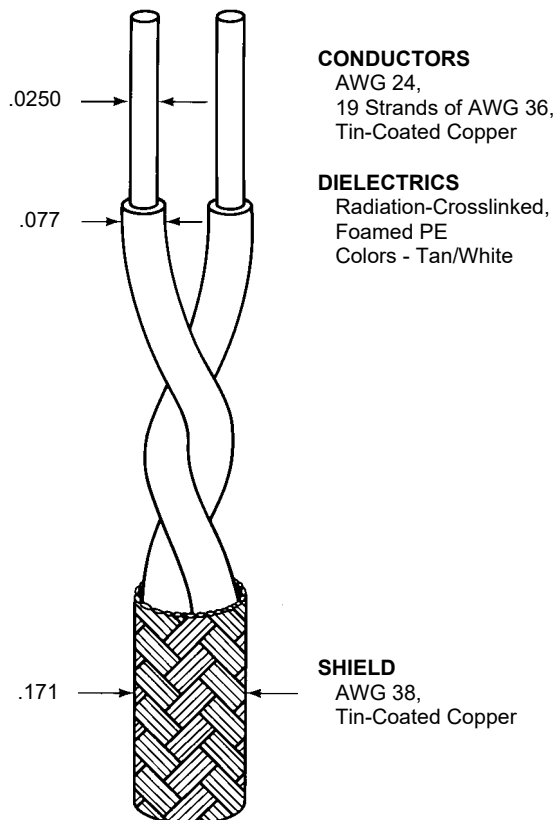
**CONSTRUCTION DETAILS**

**ELECTRICAL CHARACTERISTICS**

DIMENSIONS ARE NOMINAL VALUES IN INCHES, UNLESS OTHERWISE DESIGNATED.

CHARACTERISTIC IMPEDANCE	125 ± 5 ohms, Method C at 1 MHz
MUTUAL CAPACITANCE	10.4 pF/ft. (nominal)
VELOCITY OF PROPAGATION	79% (nominal)

**ADDITIONAL REQUIREMENTS**



**CONDUCTORS**  
AWG 24,  
19 Strands of AWG 36,  
Tin-Coated Copper

**DIELECTRICS**  
Radiation-Crosslinked,  
Foamed PE  
Colors - Tan/White

**SHIELD**  
AWG 38,  
Tin-Coated Copper

**ELECTRICAL**

CONDUCTOR RESISTANCE (prior to cabling)	24.8 ohms/1000 ft. (nominal)
INSULATION RESISTANCE	10,000 megohms (minimum) for 1000 ft.
VOLTAGE WITHSTAND (DIELECTRIC)	1000 volts (rms) (minimum)

**PHYSICAL**

INSULATION (DIELECTRIC) (prior to cabling)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	800 lbf/in <sup>2</sup> (minimum)
SHIELD COVERAGE	90% (minimum)

Part number will be 2524E0911.

Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.

WEIGHT 12.3 lbs/1000 ft. (nominal)

**ENGINEERING REFERENCE**

TEMPERATURE RATING 115°C (maximum)

Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. TE Connectivity also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer.

