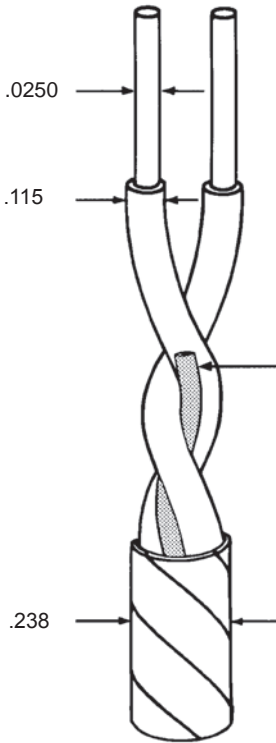


| SPECIFICATION CONTROL DRAWING | | | 5024M0022 |
|---|---|--|---------------------------------------|
| CHEMINAX | 150 OHM, AWG 24, 19 STRANDS OF AWG 36, TWINAXIAL CABLE | Date | 10-10-12 |
| | | Revision | E |
| THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200. | | | |
| CONSTRUCTION DETAILS | | ELECTRICAL CHARACTERISTICS | |
| <div><p>DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.</p><p>CONDUCTORS AWG 24, 19 Strands of AWG 36, Silver-Coated Copper</p><p>DIELECTRICS Rayfoam H Colors - White/Light Blue</p><p>DRAINWIRE AWG 20, 19 Strands of AWG 32, Silver-Coated Copper</p><p>WRAP Aluminum PET</p></div> | | CHARACTERISTIC IMPEDANCE | 150 ohms (nominal), Method C |
| | | MUTUAL CAPACITANCE | TBD pF/ft. (nominal) |
| | | VELOCITY OF PROPAGATION | 79% (nominal) |
| | | ADDITIONAL REQUIREMENTS | |
| | | ELECTRICAL | |
| | | CONDUCTOR RESISTANCE (prior to cabling) | 23.0 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 | 600 lbf/in ² (minimum) | | |
| WRAP | .002 inch thick (nominal) 25% Overlap (minimum) Aluminum facing in | | |
| Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order. | | | |
| WEIGHT | | 21.3 lbs/1000 ft. (nominal) | |
| Users should evaluate the suitability of this product for their application. Specifications are subject to change without notice. Tyco Electronics Corporation also reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to Buyer. | | | |
| Page 1 of 1 | Cheminax, Rayfoam, Raychem, TE Connectivity, TE connectivity (logo) and TE (logo) are trademarks. | | |



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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.

Mouser Electronics

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