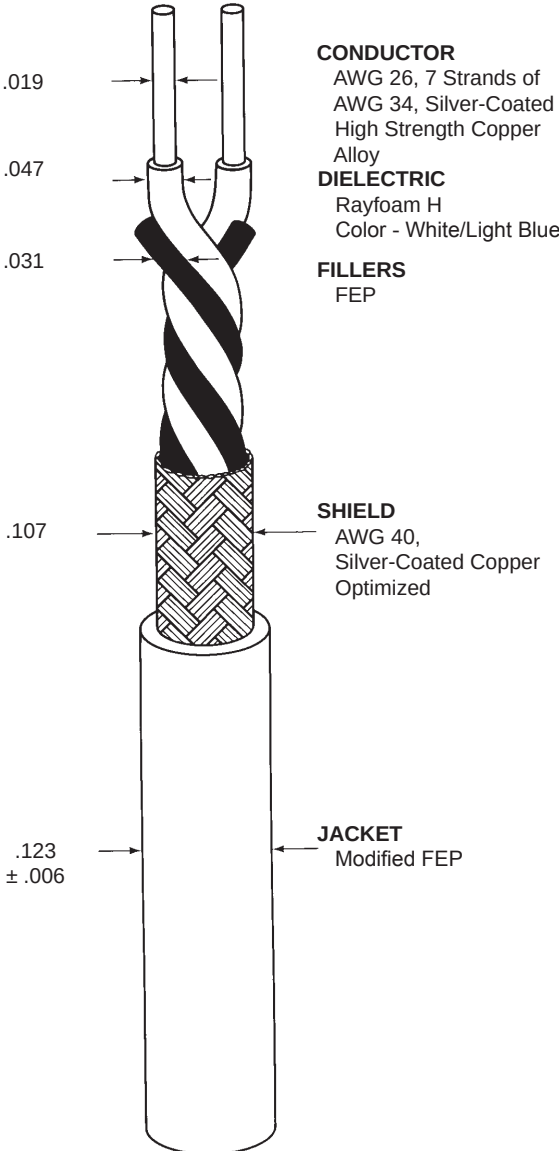


| SPECIFICATION CONTROL DRAWING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1726A1424 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| CHEMINAX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 120 OHM, AWG 26, 7 STRANDS OF AWG 34,<br>RADIO FREQUENCY, TWINAXIAL CABLE | Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4-16-09   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                           | Revision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | F         |
| THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |
| CONSTRUCTION DETAILS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                           | ELECTRICAL CHARACTERISTICS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |
| <div>DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.</div> <div></div> <div>Outer jacket color will be translucent white (designated by a "9X" appended to the part number, e.g. 1726A1424-9X) unless otherwise specified.</div> <div>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.</div> |                                                                           | <div><div>CHARACTERISTIC IMPEDANCE120 ± 12 ohms, Method D at 700 kHz - 1 MHz110 ± 10 ohms, Method D at 1 MHz - 20 MHz</div><div>MUTUAL CAPACITANCE13.72 pF/ft. (maximum)</div><div>VELOCITY OF PROPAGATION77% (nominal)</div><div>ATTENUATION3 dB/100 ft. (maximum) at 1 MHz8 dB/100 ft. (maximum) at 5 MHz</div><div>SURFACE TRANSFER IMPEDANCE50 milliohms/m (maximum) at 0.1 MHz50 milliohms/m (maximum) at 1 MHz50 milliohms/m (maximum) at 10 MHz100 milliohms/m (maximum) at 30 MHz</div><div>CAPACITANCE UNBALANCE3.5% (maximum)</div></div> <div>ADDITIONAL REQUIREMENTS</div> <div><div><div>ELECTRICAL</div><div>CONDUCTOR RESISTANCE43.9 ohms/1000 ft. (nominal)</div><div>INSULATION RESISTANCE (CONDUCTOR TO SHIELD)10,000 megohms (minimum) for 1000 ft.</div><div>JACKET FLAWS</div><div>SPARK TEST1.0 kV (rms)</div><div>IMPULSE TEST6.0 kV (peak)</div><div>VOLTAGE WITHSTAND (DIELECTRIC)1000 volts (rms) (minimum)</div></div><div><div>ENVIRONMENTAL</div><div>FLAMMABILITYMethod B</div><div>HEAT SHOCK225°C</div><div>LOW TEMPERATURE-COLD BEND-55°C/3.50 inch mandrel</div><div>VOLTAGE WITHSTAND (Post Environmental)1000 volts (rms), 1 minute</div></div><div><div>PHYSICAL</div><div>INSULATION (DIELECTRIC) (Prior to Cabling)</div><div>ELONGATION50% (minimum)</div><div>TENSILE STRENGTH600 lbf/in² (minimum)</div><div>JACKET</div><div>ELONGATION200% (minimum)</div><div>TENSILE STRENGTH2000 lbf/in² (minimum)</div><div>JACKET THICKNESS.008 inch (nominal)</div><div>SHIELD COVERAGE90% (minimum)</div><div>WEIGHT12.2 lbs/1000 ft. (nominal)</div></div></div> |           |
| 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.                                                                                                                                                                                                                                                                     |                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |
| Page 1 of 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                           | The TE logo, Tyco Electronics, Cheminax, Raychem and Rayfoam are trademarks.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |



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 Redwood City, California 94063-3800  
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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.