



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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CHEMINAX

75 OHM, AWG 28, 19 STRANDS OF AWG 42 CONDUCTOR,
COAXIAL CABLE

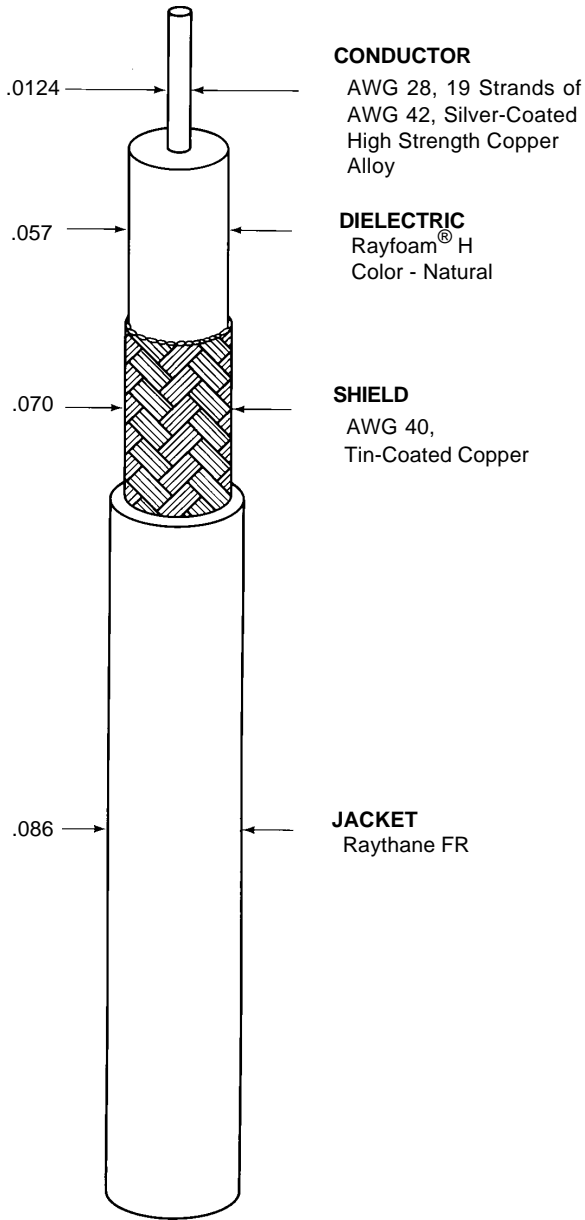
Date: 2-2-05
Revision: B

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.



CONDUCTOR
AWG 28, 19 Strands of
AWG 42, Silver-Coated
High Strength Copper
Alloy

DIELECTRIC
Rayfoam[®] H
Color - Natural

SHIELD
AWG 40,
Tin-Coated Copper

JACKET
Raythane FR

| | |
|--------------------------|-----------------------|
| CHARACTERISTIC IMPEDANCE | 75 ± 3 ohms, Method B |
| CAPACITANCE | 17.8 pF/ft. (nominal) |
| VELOCITY OF PROPAGATION | 76% (nominal) |

ADDITIONAL REQUIREMENTS

ELECTRICAL

| | |
|-----------------------------------|--|
| CONDUCTOR RESISTANCE | 112.4 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) | 750 volts (rms) (minimum) |

ENVIRONMENTAL

| | |
|---|----------------------------|
| FLAMMABILITY | Method C |
| HEAT SHOCK | 150°C |
| LOW TEMPERATURE- COLD BEND | -55°C/2.50 inch mandrel |
| VOLTAGE WITHSTAND (POST ENVIRONMENTAL) | 1000 volts (rms), 1 minute |

PHYSICAL

| | |
|-------------------------|------------------------------------|
| INSULATION (DIELECTRIC) | |
| ELONGATION | 50% (minimum) |
| TENSILE STRENGTH | 600 lbf/in ² (minimum) |
| JACKET | |
| ELONGATION | 300% (minimum) |
| TENSILE STRENGTH | 2500 lbf/in ² (minimum) |
| JACKET THICKNESS | .008 inch (nominal) |
| SHIELD COVERAGE | 90% (minimum) |

| | |
|--------|----------------------------|
| WEIGHT | 5.8 lbs/1000 ft. (nominal) |
|--------|----------------------------|

Outer jacket color will be black (designated by a "0" appended to the part number, e.g., 7528L1024-0) 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.

*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.*

tyco
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Raychem
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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.