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!

Contact us

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

SPECIFICATION CONTROL DRAWING 7518A0811

CHEMINAX

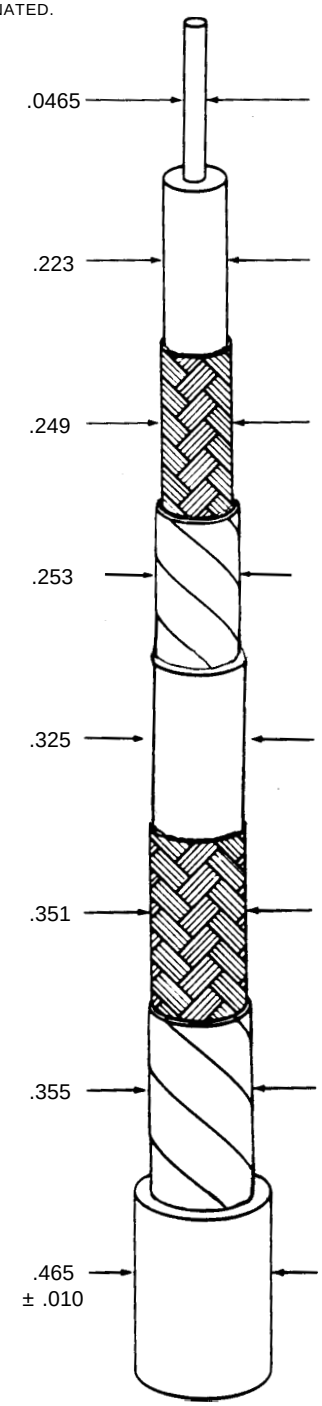
75 OHM, AWG 18, 19 STRANDS OF AWG 30, OPTIMIZED SHIELD, TRIAXIAL CABLE

Date: 9-28-06
Revision: K

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

CONSTRUCTION DETAILS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.



CONDUCTOR
AWG18, 19 strands of AWG 30, Tin-Coated Copper

DIELECTRIC
Rayfoam® L
Color - Natural

1ST SHIELD
AWG 34,
Tin-Coated Copper

1ST WRAP
Polyester Tape

1ST JACKET
Zerohal™
Color - Black

2ND SHIELD
AWG 34,
Tin-Coated Copper
Optimized

2ND WRAP
Polyester Tape

2ND JACKET
Zerohal™

Outer jacket color will be black (designated by a "-0" appended to the part number, e.g. 7518A0811-0) 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.

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC IMPEDANCE	75 ± 3 ohms, Method B
CAPACITANCE	17.9 pF/ft. (nominal)
VELOCITY OF PROPAGATION	76% (nominal)
SURFACE TRANSFER IMPEDANCE	700 milliohms/meter (maximum) at 0.1 MHz - 1 GHz
EMP RESPONSE	60 dB (minimum) for 1 meter
ATTENUATION	1.1 dB/100 ft. (maximum) at 10 MHz 2.9 dB/100 ft. (maximum) at 100 MHz 6.0 dB/100 ft. (maximum) at 400 MHz

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE	6.23 ohms/1000 ft. (nominal)
INSULATION RESISTANCE (DIELECTRIC)	10,000 megohms (minimum)
JACKET FLAWS	
SPARK TEST	1.0 kV (rms)
IMPULSE TEST	6.0 kV (peak)
VOLTAGE WITHSTAND (DIELECTRIC)	
CONDUCTOR TO SHIELD	1000 volts (rms), (minimum)
SHIELD TO SHIELD	500 volts (rms), (minimum)

ENVIRONMENTAL

FLAMMABILITY	Method B
HEAT SHOCK	225°C
LOW TEMPERATURE-COLD BEND	-30°C/12.00 inch mandrel
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	1000 lbf/in² (minimum)
JACKET (EACH)	
ELONGATION	150% (minimum)
TENSILE STRENGTH	1200 lbf/in² (minimum)
1ST JACKET THICKNESS	.036 inch (nominal)
2ND JACKET THICKNESS	.055 inch (nominal)
SHIELD COVERAGE (1ST)	85% (minimum)
WRAP (EACH)	.001 inch thick (nominal), 25% overlap (minimum)
WEIGHT	136. lbs/1000 ft. (nominal)

tyco Electronics
Raychem Wire & Cable
501 Oakside Avenue
Redwood City, California 94063-3800
1-800-227-8816 Fax: 1-650-361-6297

THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.