



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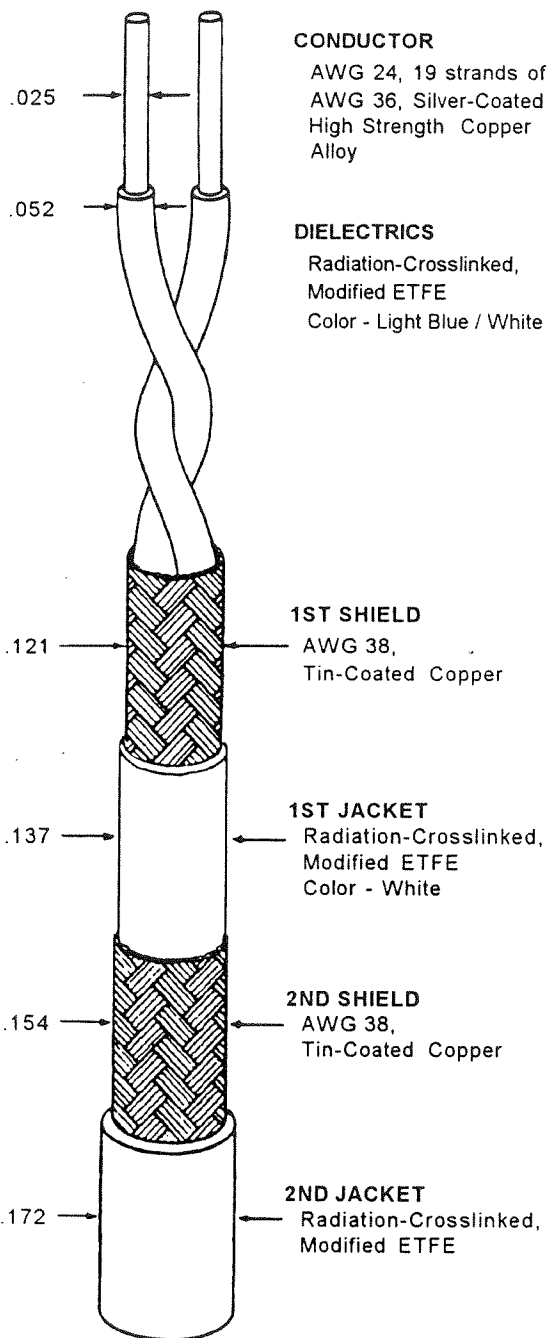
THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200

**CONSTRUCTION DETAILS**

**ELECTRICAL CHARACTERISTICS**

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.

CHARACTERISTIC IMPEDANCE	77 ± 5 ohms, Method C at 1 MHz
CAPACITANCE - MUTUAL	30 pF/ft. (maximum)
ATTENUATION	1.0 dB/100 ft. (nominal) at 1 MHz 1.4 dB/100 ft. (maximum) at 1 MHz



Outer jacket color will be white (designated by a "-9" appended to the part number, e.g. EPD 6499-9) unless otherwise specified.

Designate outer jacket color with a dash number in accordance with MIL-STD-681.

**ADDITIONAL REQUIREMENTS**

COMPONENT WIRE PRIOR TO CABLING (Test Procedures Per MIL-W-22759)

ACCELERATED AGING (Per MIL-W-22759 Life Cycle Procedure)	300 ± 3°C for 1 hour, .625 inch mandrel, .500 lb, 2.5 kV dielectric test
LOW TEMPERATURE - COLD BEND	-65 ± 2°C for 4 hours, .500 inch mandrel, 1.00 lb, 2.5 kV dielectric test
SHRINKAGE	200 ± 3°C for 1 hour, .125 inch (maximum) in 12 inches
INSULATION RESISTANCE	5000 megohms for 1000 ft. (minimum)
INSULATION (DIELECTRIC) ELONGATION	50% (minimum)
TENSILE STRENGTH	5000 lbf/in <sup>2</sup> (minimum)
IMPULSE DIELECTRIC TEST	8.0 kV (peak), 100% test

FINISHED CABLE (Test Procedures per MIL-C-27500)

BLOCKING	200°C for 6 hours
CROSSLINKED VERIFICATION	300 ± 5°C for 6 hours
FLAMMABILITY (Per Raychem Spec. 55A Procedure 1)	3 seconds (maximum); 3 inches (maximum); no flaming of facial tissue
LOW TEMPERATURE - COLD BEND	-55 ± 5°C for 4 hours, 6.00 inch mandrel
JACKET FLAWS	
SPARK TEST	1000 volts (rms), 60 Hz, 100% test
IMPULSE TEST	6.0 kV (peak), 60 Hz, 100% test
JACKET (EACH) ELONGATION	50% (minimum)
TENSILE STRENGTH	5000 lbf/in <sup>2</sup> (minimum)
1ST JACKET THICKNESS	.008 inch (nominal)
2ND JACKET THICKNESS	.009 inch (nominal)
SHIELD COVERAGE (EACH)	90% (minimum)
VOLTAGE WITHSTAND (DIELECTRIC) (Conductor to Conductor and shield, shield to shield)	1000 volts (rms)

WEIGHT 24.6 lbs/1000 ft. (nominal)