



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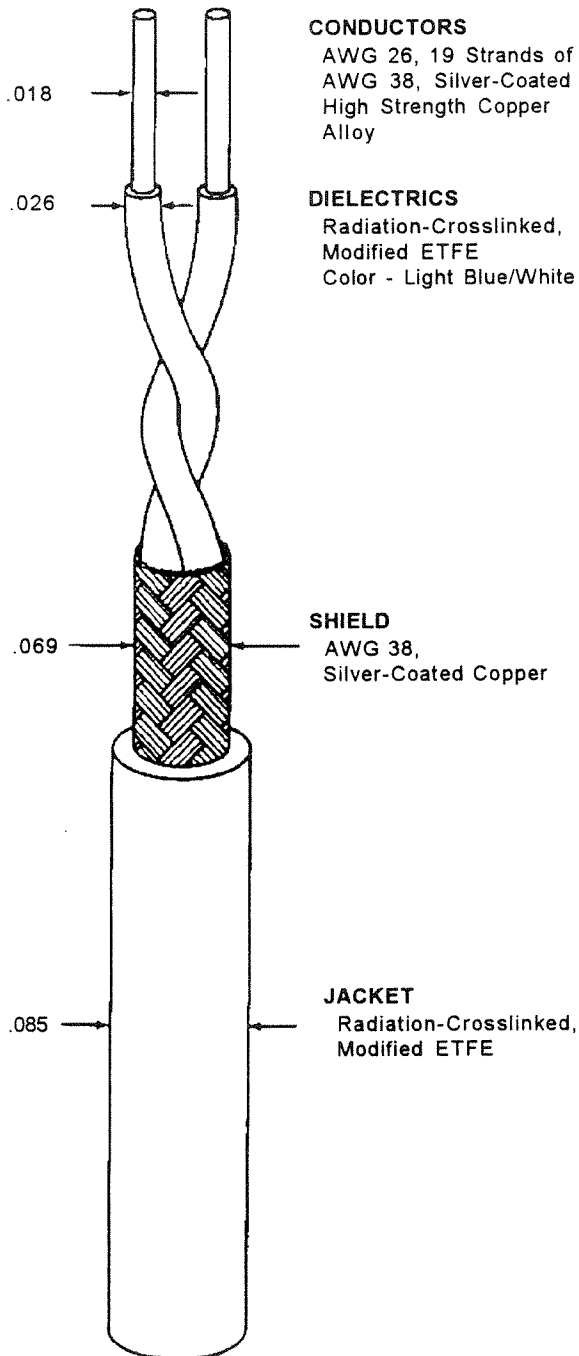
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THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

CONSTRUCTION DETAILS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.



CONDUCTORS
AWG 26, 19 Strands of
AWG 38, Silver-Coated
High Strength Copper
Alloy

DIELECTRICS
Radiation-Crosslinked,
Modified ETFE
Color - Light Blue/White

SHIELD
AWG 38,
Silver-Coated Copper

JACKET
Radiation-Crosslinked,
Modified ETFE

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC IMPEDANCE	50 ± 7 ohms, Balanced Impedance, Method C at 1 MHz
CAPACITANCE - MUTUAL	41.5 pF/ft. (maximum)
ATTENUATION	2.5 dB/100 ft. (nominal) at 1 MHz 8.3 dB/100 ft. (nominal) at 10 MHz

ADDITIONAL REQUIREMENTS

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

ACCELERATED AGING (Per MIL-W-22759 Life Cycle Procedure)	300 ± 3°C for 1 hour, .500 inch mandrel, .125 lb. 2.5 kV dielectric test
LOW TEMPERATURE-COLD BEND	-65 ± 2°C for 4 hours, .500 inch mandrel, .500 lb. 2.5 kV dielectric test
SHRINKAGE	200 ± 3°C for 1 hour, .125 inch (maximum) in 12.0 inches
INSULATION RESISTANCE	5000 megohms for 1000 ft. (minimum)
INSULATION (DIELECTRIC) TENSILE STRENGTH	5000 lbf/in ² (minimum)
ELONGATION	50% (minimum)
IMPULSE DIELECTRIC TEST	8.0 kV (peak), 100% test

FINISHED CABLE (Test Procedure Per MIL-DTL-27500)

BLOCKING	200°C for 6 hours
LOW TEMPERATURE-COLD BEND	-55 ± 5°C for 4 hours, 3.00 inch mandrel
CROSSLINKED VERIFICATION	300 ± 5°C for 6 hours, 3.00 inch mandrel
FLAMMABILITY (Per Raychem Spec 55A, Procedure 1)	3 seconds (maximum); 3.0 inches (maximum); no flaming of facial tissue
JACKET FLAWS	
SPARK TEST	1000 volts, 60 Hz, 100% test
IMPULSE TEST	6.0 kV (peak)
JACKET TENSILE STRENGTH	5000 lbf/in ² (minimum)
ELONGATION	50% (minimum)
SHIELD COVERAGE	90% (minimum)
JACKET THICKNESS	.008 inch thick (nominal)
VOLTAGE WITHSTAND (DIELECTRIC)	1000 volts (rms) (minimum)

The length of lay shall be .75 inches (nominal)

WEIGHT 6.7 lbs/1000 ft. (nominal)

Outer jacket color will be white (designated by a "-9" appended to the part number, e.g., 5026A1664-9) unless otherwise specified.

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