



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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SPECIFICATION CONTROL DRAWING	4126S5664
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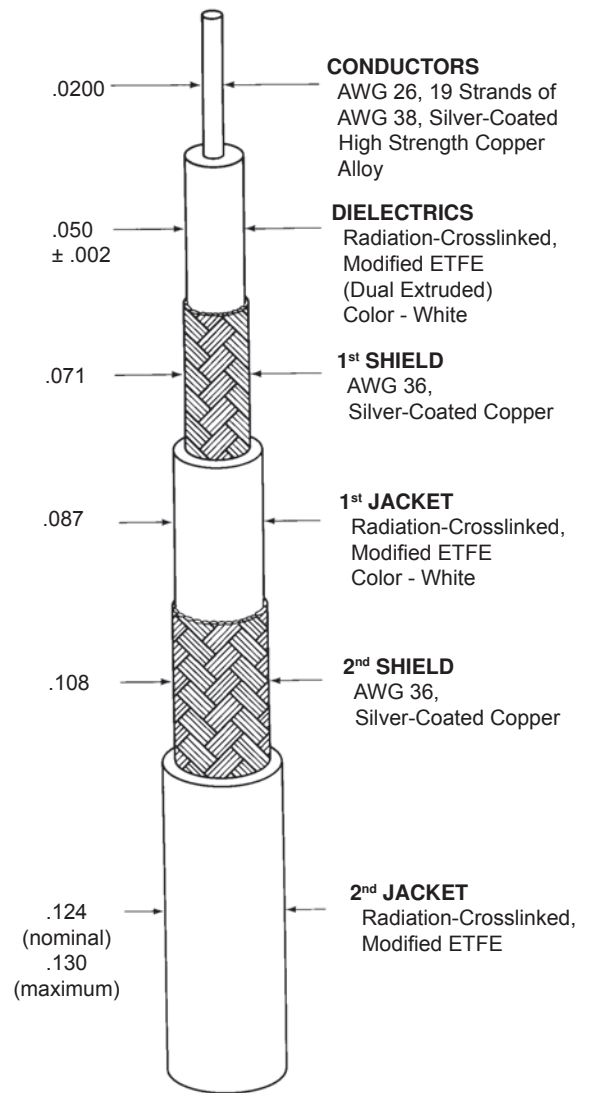
CHEMINAX	41 OHM, AWG 26, 19 STRANDS OF AWG 38, TRIAxIAL CABLE, OUTER SPACE USE	Date	12-31-08
		Revision	F

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

CONSTRUCTION DETAILS	ELECTRICAL CHARACTERISTICS
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DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.

CHARACTERISTIC IMPEDANCE	41.6 ± 2 ohms, Method A
CAPACITANCE	40.6 pF/ft. (nominal)



ADDITIONAL REQUIREMENTS

COMPONENT WIRE PRIOR TO BRAIDING (Test Procedures per SAE AS22759)

CROSSLINK PROOF	300 ± 3°C for 1 hour, .625 inch mandrel, .500 lb., 2.5 kV dielectric test
INSULATION (DIELECTRIC) (Total Insulation)	50% (minimum)
ELONGATION	5000 lbf/in ² (minimum)
TENSILE STRENGTH	5000 megohms for 1000 ft. (minimum)
INSULATION FLAWS	-65 ± 3°C for 4 hours, .500 inch mandrel, .500 lb., 2.5 kV dielectric test
SPARK TEST	3.0 kV (rms)
IMPULSE TEST	8.0 kV (peak)
INSULATION RESISTANCE	5000 megohms for 1000 ft. (minimum)
LOW TEMPERATURE-COLD BEND	-65 ± 3°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 inches

FINISHED CABLE (Test Procedures per NEMA WC 27500, unless otherwise specified)

BLOCKING	200°C for 6 hours
CROSSLINKED VERIFICATION	300 ± 5°C for 6 hours, 3.00 inch mandrel
FLAMMABILITY (Method B of Spec 1200)	3 seconds (maximum); 3 inches (maximum); no flaming of facial tissue
JACKET (each)	50% (minimum)
ELONGATION	5000 lbf/in ² (minimum)
TENSILE STRENGTH	5000 lbf/in ² (minimum)
JACKET FLAWS	1.0 kV (rms)
SPARK TEST	6.0 kV (peak)
IMPULSE TEST	.008 inch (nominal)
JACKET THICKNESS (each)	-55 ± 5°C for 4 hours, 3.00 inch mandrel
LOW TEMPERATURE-COLD BEND	90% (minimum)
SHIELD COVERAGE (each)	1500 volts (rms)
VOLTAGE WITHSTAND CONDUCTOR TO SHIELD	500 volts (rms)
SHIELD TO SHIELD	16.7 lbs/1000 ft. (nominal)
WEIGHT	

OUTER SPACE REQUIREMENTS

RADIATION RESISTANCE	500 megarads/3.75 inch mandrel 1.0 kV dielectric test
VACUUM STABILITY	1.00% (maximum)
TOTAL MASS LOSS (TML)	0.10% (maximum)
VOLATILE CONDENSABLE MATERIAL (VCM)	0.45% (maximum)
WEIGHT LOSS (Test per Spec 55):	

Outer jacket color will be white (designated by a "-9" appended to the part number, e.g. 4126S5664-9) 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.