



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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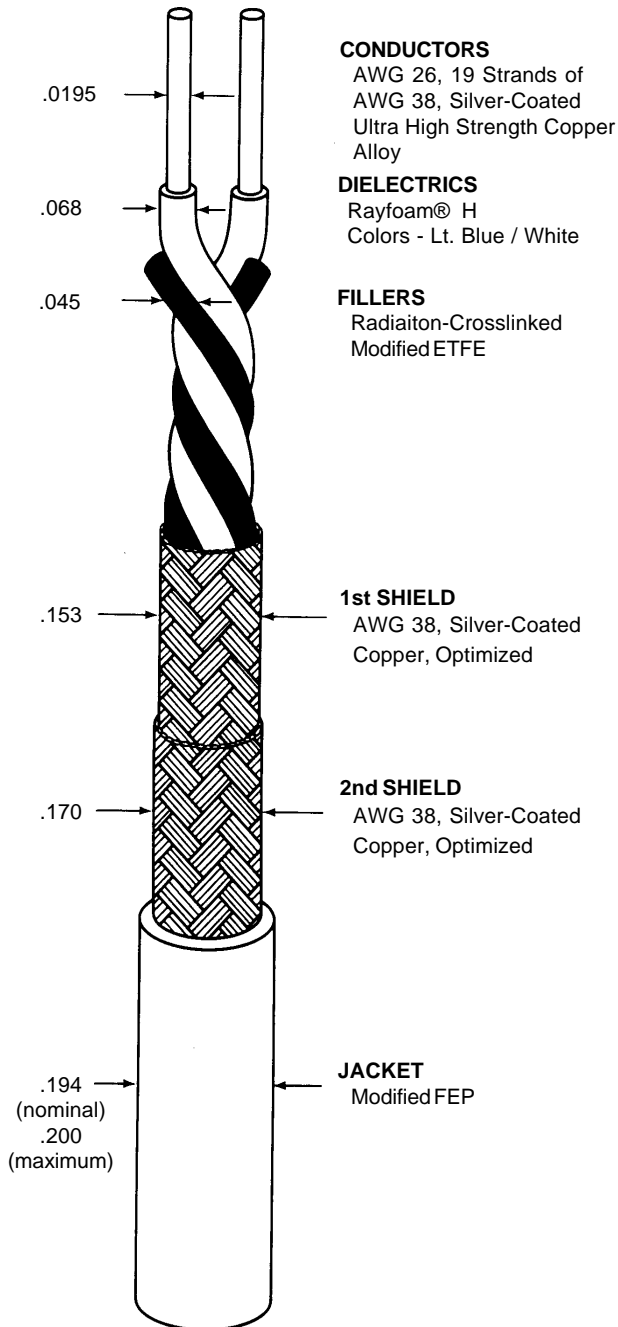


THIS SPECIFICATION SHEET FORMS A PART OF THE LATEST ISSUE OF RAYCHEM SPECIFICATION 1200.

CONSTRUCTION DETAILS

ELECTRICAL CHARACTERISTICS

DIMENSIONS ARE NOMINAL VALUES IN INCHES UNLESS OTHERWISE DESIGNATED.



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

DIELECTRICS
Rayfoam® H
Colors - Lt. Blue / White

FILLERS
Radiation-Crosslinked
Modified ETFE

1st SHIELD
AWG 38, Silver-Coated
Copper, Optimized

2nd SHIELD
AWG 38, Silver-Coated
Copper, Optimized

JACKET
Modified FEP

CHARACTERISTIC IMPEDANCE	150 ± 15 ohms, Method C at 1 MHz
CAPACITANCE - MUTUAL	8.8 pF/ft. (nominal)
VELOCITY OF PROPAGATION	77% (nominal)
SURFACE TRANSFER IMPEDANCE	10 milliohms/meter (maximum) at 30 MHz per MIL-C-85485

ADDITIONAL REQUIREMENTS

ELECTRICAL

CONDUCTOR RESISTANCE	56.4 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)	1500 volts (rms) (minimum)

ENVIRONMENTAL

FLAMMABILITY	Method B
HEAT SHOCK	225°C
LOW TEMPERATURE- COLD BEND	-55°C/5.50 inch mandrel
VOLTAGE WITHSTAND (POST ENVIRONMENTAL)	1000 volts (rms), 1 minute

PHYSICAL

INSULATION (DIELECTRIC) (Prior to Cabling)	
ELONGATION	50% (minimum)
TENSILE STRENGTH	600 lbf/in ² (minimum)
JACKET	
ELONGATION	200% (minimum)
TENSILE STRENGTH	2000 lbf/in ² (minimum)
JACKET THICKNESS	.012 inch (nominal)

MARKER TAPE: Place marker tape under jacket and mark in
12 inch (nominal) intervals as follows: " 5026R042A-9X 06090 "

WEIGHT	31.6 lbs/1000 ft. (nominal)
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Outer jacket will be translucent white (designated by a "-9X" appended to the part number, e.g., 5026R042A-9X) 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.