



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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3M™ Round Conductor Flat Cable for Link Connector

0.100", 19 AWG Stranded, PVC

79100 Series



- Designed for factory automation applications
- Recommended for use with 3M™ Link Connectors
- 19 AWG [0.75 mm²] on 0.100" [2.54 mm] centers permits IDC termination
- RoHS Compliant. See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3Mconnector.com for compliance information. (RIA E1 & C1 apply)

Date Modified: July 22, 2010

TS-2323-C
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Physical

Insulation:

Material: Heat Resistant Polyvinyl Chloride (PVC)

Color: Black, Red, White, Green

Marking: 3M Cable 79100-075-4F1 0.75 mm² x 4
E118773-K (UL) CL2 4C19AWG 90C **
(* ** indicates production lot code)

Conductors:

Description: 0.75 mm² [19 AWG], 30 strands x 0.18 mm [33 AWG], Tinned Stranded Copper

Mating Connectors: Link Connector, 38104-0018-000 FL, TS-2098

Electrical

Voltage Rating: CL2 (UL 13)

Insulation Resistance: >1 x 10¹⁰ Ω / 10 ft [3 m]

Withstand Voltage: 1,500 V_{AC} for one minute

Unbalanced

Characteristic Impedance: 67.36 Ω

Capacitance @1 MHz: 23.64 pF/ft (77.56pF/m)

Inductance: 0.11 uH/ft (0.35uH/m)

Propagation Delay: 1.59 ns/ft (5.22ns/m)

Velocity of Propagation: 63.80%

Balanced

114.24 Ω

13.49 pF/ft (44.27pF/m)

0.18 uH/ft (0.58uH/m)

1.54 ns/ft (5.06ns/m)

65.90%

Note: Unbalanced is measured between ground signal – ground conductors. Balanced is measured between conductors within a pair.

Environmental

Temperature Rating: CL2, 90°C Max

Flammability Rating: CL2 (UL 13)

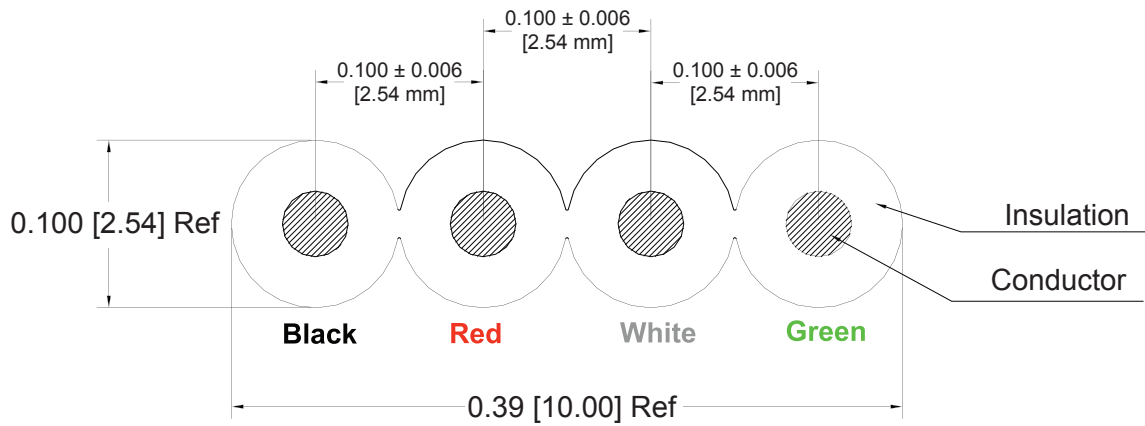
UL File No. E118773-K

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Product Dimensions



Inch [mm]

Ordering Information

79100 - 075 - 4F1

Note: Available in standard 200 meter rolls, please specify length when ordering. Contact 3M for availability of additional conductor counts and/or custom roll lengths.

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