



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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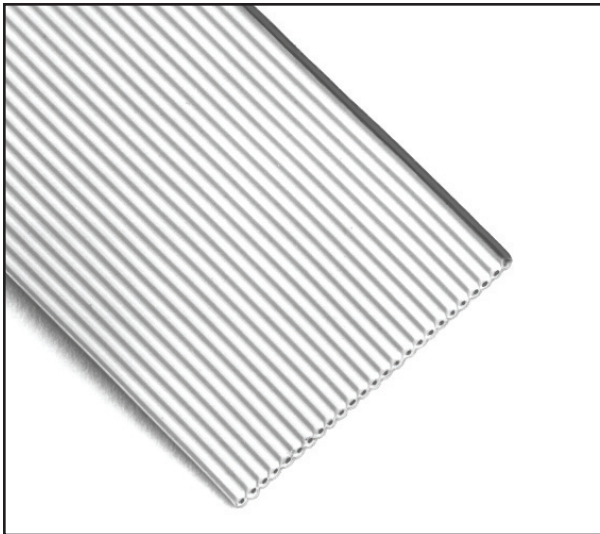
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



3M™ Round Conductor Flat Cable

.050" 26 AWG Stranded, TPE

3770 Series



- 26 AWG wire on .050 inch centers permits mass termination to a broad line of IDC connectors
- TPE insulation provides excellent transmission properties at a low cost
- Zippable for branching or discrete terminations
- See the Regulatory Information Appendix (RIA) in the “RoHS compliance” section of www.3Mconnector.com for compliance information (RIA E1 & C1 apply)

Date Modified: March 15, 2010

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Physical

Insulation:

Material: Thermoplastic Elastomer (TPE)

Color: Gray

Marking:

Standard: None

Conductors: 26 AWG 7 × 34 [7 × 0.160] Tinned Stranded Copper

Electrical

Voltage Rating: USA: 300V EU: <50V

Insulation Resistance: $> 1 \times 10^{10} \Omega/10 \text{ ft. [3 m]}$

Characteristic Impedance: Unbalanced
104 Ω

Capacitance: 13.1 pF/ft (42.98 pF/m)

Inductance: 0.14 $\mu\text{H/ft}$ (0.46 $\mu\text{H/m}$)

Propagation Delay: 1.36 ns/ft (4.46 ns/m)

Velocity of Propagation: 75%

Note: Unbalanced is measured between ground-signal-ground conductors.

Environmental

Temperature Rating: -40°C to +105°C

Flammability Rating: USA: UL Horizontal

UL File No.: E42769, Style No: 20297

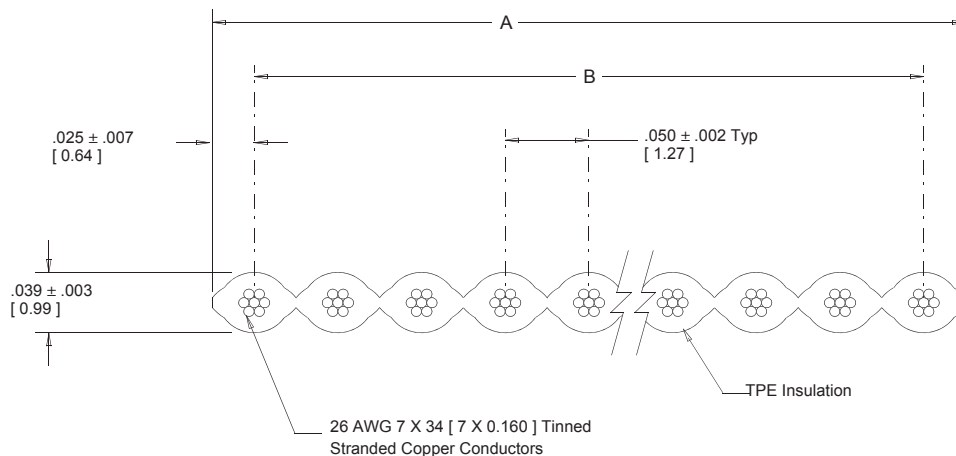
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Number of Conductors	3M Part Number	Dimension A	Dimension B
09	3770/09	0.450 ± .010 [11.43]	0.400 ± .007 [10.16]
10	3770/10	0.500 ± .010 [12.70]	0.450 ± .007 [11.43]
14	3770/14	0.700 ± .010 [17.78]	0.650 ± .007 [16.51]
15	3770/15	0.750 ± .010 [19.05]	0.700 ± .007 [17.78]
16	3770/16	0.800 ± .015 [20.32]	0.750 ± .011 [19.05]
20	3770/20	1.000 ± .015 [25.40]	0.950 ± .011 [24.13]
24	3770/24	1.200 ± .015 [30.48]	1.150 ± .011 [29.21]
25	3770/25	1.250 ± .015 [31.75]	1.200 ± .011 [30.48]
26	3770/26	1.300 ± .015 [33.02]	1.250 ± .011 [31.75]
30	3770/30	1.500 ± .020 [38.10]	1.450 ± .015 [36.83]
34	3770/34	1.700 ± .020 [43.18]	1.650 ± .015 [41.91]
36	3770/36	1.800 ± .020 [45.72]	1.750 ± .015 [44.45]
37	3770/37	1.850 ± .020 [46.99]	1.800 ± .015 [45.72]
40	3770/40	2.000 ± .020 [50.80]	1.950 ± .015 [49.53]
50	3770/50	2.500 ± .020 [63.50]	2.450 ± .015 [62.23]
60	3770/60	3.000 ± .020 [76.20]	2.950 ± .015 [74.93]
64	3770/64	3.200 ± .020 [81.28]	3.150 ± .015 [80.01]



Tolerance Unless Noted			
	.0	.00	.000
Inch	±.1	±.05	±.010

[] Dimensions for Reference Only

Note:

- Blue marking on one edge of cable designates wire #1.

Ordering Information

3770/XX - XX

Number of Conductors
(See Table)

Blank = standard
SF = splice free

Note: Contact 3M for availability of additional conductor counts and/or custom roll lengths.

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