



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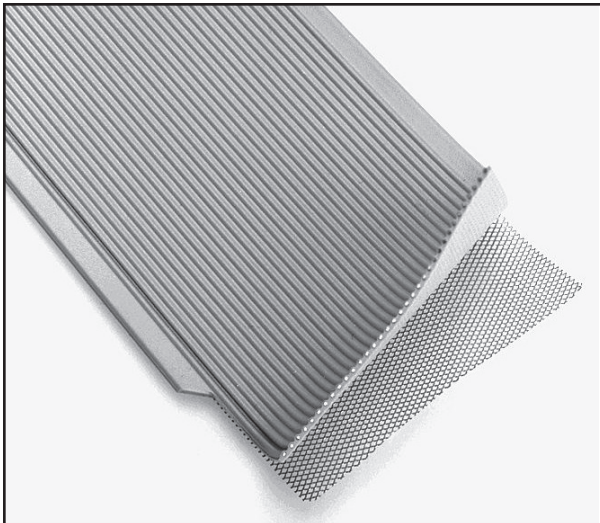
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



3M™ Ground Plane Cable

.050" 28 AWG Stranded, No Drain, PVC

3469 Series



- 28 AWG wire on .050 inch wire spacing permits mass termination to a broad line of IDC connectors
- Ground plane construction for increased signal density or improved transmission properties
- Stranded wire provides flexibility and extended product life
- Ground plane can be stripped by hand for easy termination
- RoHS Compliant. See the Regulatory Information Appendix (RIA) in the “RoHS compliance” section of www.3M.com/Interconnects for compliance information (RIA E1 & C1 apply)

Date Modified: September 3, 2009

TS-0077-C
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Physical

Insulation:

Material: Polyvinyl Chloride (PVC)

Color: Gray

Marking:

Standard: None

Canadian Option:  AWM 2682 105C 300V VW1 3M NU
C  AWM IA 105C 150V FT1 EU <50V

Conductors: 28 AWG 7 x 36 [7 x 0.127] Tinned Stranded Copper

Electrical

Voltage Rating: USA: 300V Canada: 150V EU: <50V

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

Characteristic Impedance: Unbalanced: 65 Ω

Capacitance: Unbalanced: 25.1 pF/ft (82.3 pF/m)

Inductance: Unbalanced: 0.11 $\mu\text{H}/\text{ft}$ (0.36 $\mu\text{H}/\text{m}$)

Propagation Delay: Unbalanced: 1.64 ns/ft (5.38 ns/m)

Velocity of Propagation: Unbalanced: 62%

Note: Unbalanced is measured between ground-signal-ground conductors, with the ground plane grounded.

Environmental

Temperature Rating: -20°C to +105°C

Flammability Rating: USA:VW-1 Canada:FT1

Regulatory Classification: EU: Compliant, see RIA note E1

CN:  , see RIA note C1

Regulatory Information Appendix (RIA) attached

UL File No.: E42769, Style No: 2682

3M

Electronic Solutions Division
Interconnect Solutions
<http://www.3M.com/interconnects/>

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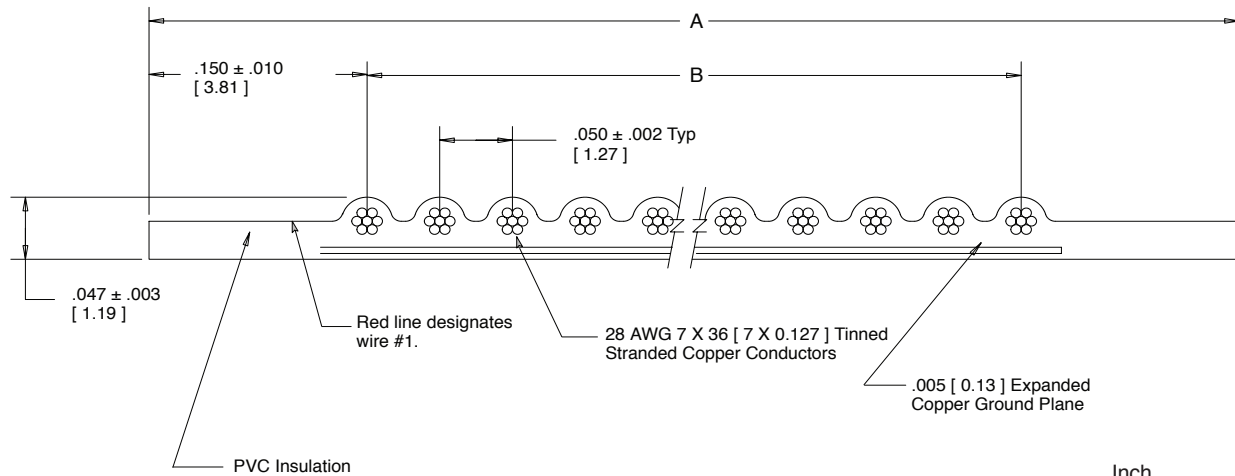
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Number of Conductors	3M Part Number	Dimension A	Dimension B
10	3469/10	0.750 ± .015 [19.05]	0.450 ± .010 [11.43]
14	3469/14	0.950 ± .015 [24.13]	0.650 ± .010 [16.51]
15	3469/15	1.000 ± .015 [25.40]	0.700 ± .010 [17.78]
16	3469/16	1.050 ± .015 [26.67]	0.750 ± .010 [19.05]
20	3469/20	1.250 ± .015 [31.75]	0.950 ± .010 [24.13]
25	3469/25	1.500 ± .015 [38.10]	1.200 ± .010 [30.48]
26	3469/26	1.550 ± .015 [39.37]	1.250 ± .010 [31.75]
34	3469/34	1.950 ± .015 [49.53]	1.650 ± .010 [41.91]
37	3469/37	2.100 ± .015 [53.34]	1.800 ± .010 [45.72]
40	3469/40	2.250 ± .015 [57.15]	1.950 ± .010 [49.53]
50	3469/50	2.750 ± .015 [69.85]	2.450 ± .010 [62.23]
60	3469/60	3.250 ± .015 [82.55]	2.950 ± .010 [74.93]
64	3469/64	3.450 ± .015 [87.63]	3.150 ± .010 [80.01]



Tolerance Unless Noted			
	.0	.00	.000
Inch	±.1	±.01	±.005

[] Dimensions for Reference Only

Ordering Information

Blank = Standard
 C = Canadian Certified Version

3469/XX

Number of Conductors
 (See Table)

Note: Standard length is 100 ft/roll.

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RIA-2217B-E

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