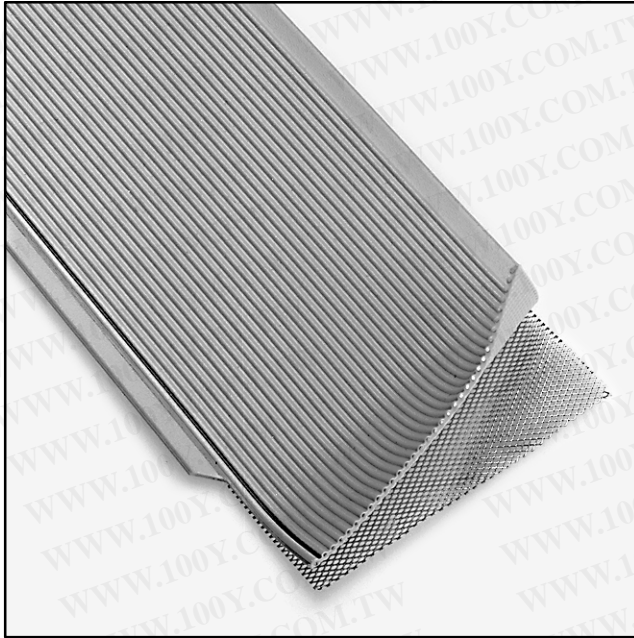


3M™ Ground Plane Cable

.050" 28 AWG Stranded, One Drain, PVC

3476 Series



- 28 AWG wire on .050 inch centers 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
- The drain wire terminates the ground plane into the first connector contact

Date Modified: May 30, 2003

TS-0071-11
Sheet 1 of 2

Physical

Insulation

Material: Polyvinyl Chloride (PVC)

Color: Gray

Marking

Standard: None

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

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

Electrical

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

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

Characteristic Impedance: Unbalanced: 65 Ω

Capacitance: Unbalanced: 25.1 pF/ft. [82.3 pF/m]

Inductance: Unbalanced: .11 μH/ft. [0.36 μH/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.

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Environmental

Temperature Rating: -20°C to +105°C

Flammability Rating: USA: VW-1

Canada: FT1

UL File No.: E42769, Style No.: 2682

3M

Interconnect Solutions

<http://www.3M.com/interconnects/>

3M is a trademark of 3M Company.

For technical, sales or ordering information call

800-225-5373

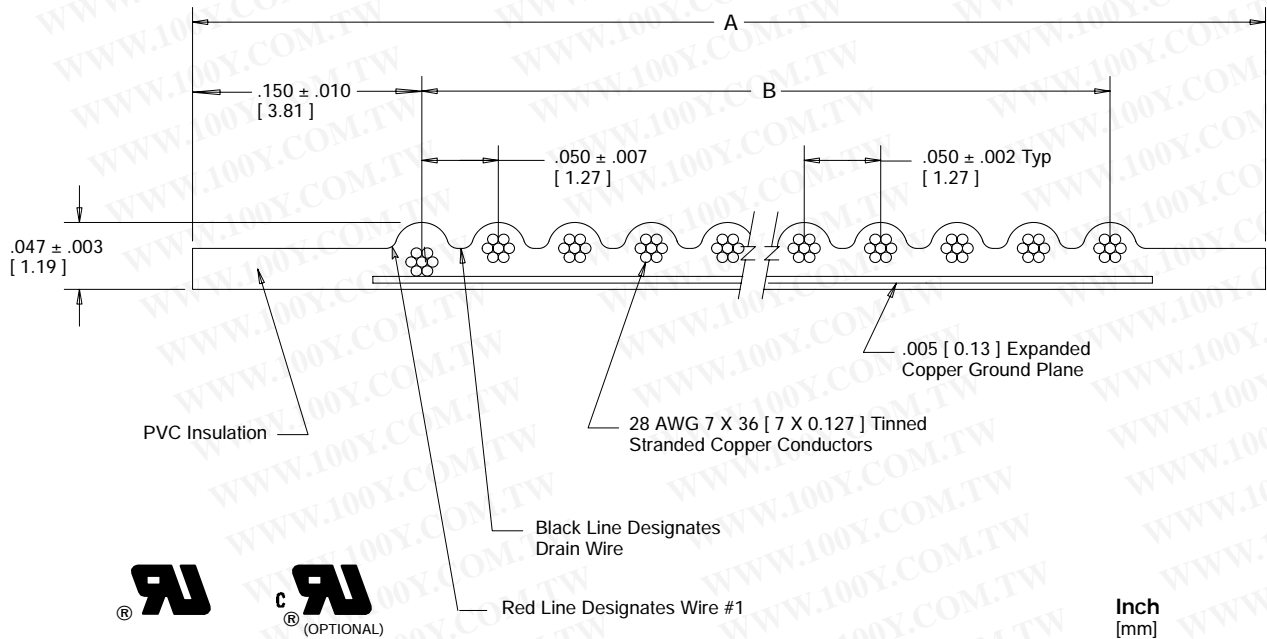
3M™ Ground Plane Cable

.050" 28 AWG Stranded, One Drain, PVC

3476 Series

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

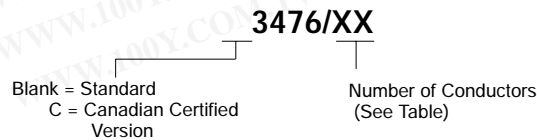
Number of Conductors	3M Part Number	Dimension A	Dimension B
10	3476/10	0.750 ± .015 [19.05]	0.450 ± .010 [11.43]
14	3476/14	0.950 ± .015 [24.13]	0.650 ± .010 [16.51]
15	3476/15	1.000 ± .015 [25.40]	0.700 ± .010 [17.78]
16	3476/16	1.050 ± .015 [26.67]	0.750 ± .010 [19.05]
20	3476/20	1.250 ± .015 [31.75]	0.950 ± .010 [24.13]
24	3476/24	1.450 ± .015 [36.83]	1.150 ± .010 [29.21]
25	3476/25	1.500 ± .015 [38.10]	1.200 ± .010 [30.48]
26	3476/26	1.550 ± .015 [39.37]	1.250 ± .010 [31.75]
34	3476/34	1.950 ± .015 [49.53]	1.650 ± .010 [41.91]
37	3476/37	2.100 ± .015 [53.34]	1.800 ± .010 [45.72]
40	3476/40	2.250 ± .015 [57.15]	1.950 ± .010 [49.53]
50	3476/50	2.750 ± .015 [69.85]	2.450 ± .010 [65.23]
60	3476/60	3.250 ± .015 [82.55]	2.950 ± .010 [74.93]
64	3476/64	3.450 ± .015 [87.63]	3.150 ± .010 [80.01]



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

[] Dimensions for Reference only

Ordering Information



Note: Available in standard lengths of 100 feet or 300 feet/roll, please specify when ordering.

TS-0071-11
Sheet 2 of 2

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture for a period of 1 year from the date of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.**



Electronic and Interconnect Solutions Division

6801 River Place Blvd.
Austin, TX 78726-9000
www.3M.com/eisd