

# 3M™ Round, Shielded/Jacketed, Disc. Wire Cable

26 AWG Solid, Twisted Pair, PVC/PVC

3560 Series



- Twisted pairs reduce crosstalk for balanced drive applications
- Dual shielding provides 35 db average shielding effectiveness
- 26 AWG solid wires are color coded for easy identification
- PVC jacket prevents damage to cable and meets UL requirements for external wiring applications
- RoHS\* compliant

Date Modified: December 13, 2005

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## Physical

<b>Jacket</b>	
Material:	Polyvinyl Chloride (PVC)
Color:	Gray
Primary Material:	PVC
<b>Marking:</b>	
Standard:	(UL) CL2 75C 26 AWG ORAWM 2464 3M XX C AWM II A/B 80C 150V FT1 EU <50V (where XX may be NU, MR or NW)
<b>Conductors:</b>	26 AWG [ 0.404 ] Tinned Solid Copper
<b>Shielding:</b>	.001 [ 0.03 ] Thick Aluminum/Polyester Film Foil and 90% Coverage Tinned Copper Braid

\*"RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated in writing by 3M, this information represents 3M's knowledge and belief based on information provided by third party suppliers to 3M.

## Electrical

<b>Voltage Rating:</b>	USA: N.E.C. 725, CL2 or AWM; 300V	Canada: 150V	EU: <50V
<b>Insulation Resistance:</b>	(Primary Cable) > 1 × 10 <sup>10</sup> Ω/10 ft. [ 3m ]		
	<b>Unbalanced</b>	<b>Balanced</b>	
<b>Characteristic Impedance:</b>	59 Ω	97 Ω	
<b>Capacitance:</b>	29.3 pF/ft (96.1 pF/m)	17.8 pF/ft (58.4 pF/m)	
<b>Inductance:</b>	.10 μH/ft (0.33 μH/m)	.17 μH/ft (0.56 μH/m)	
<b>Propagation Delay:</b>	1.73 ns/ft (5.68 ns/m)	1.73 ns/ft (5.68 ns/m)	
<b>Velocity of Propagation:</b>	59%	59%	

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

## Environmental

<b>Temperature Rating:</b>	USA: CL2; 75°C Ma or AWM; -20°C to + 80°C	Canada: -20°C to +80°C
<b>Flammability Rating:</b>	USA: N.E.C. 725, CL2	Canada: FT1

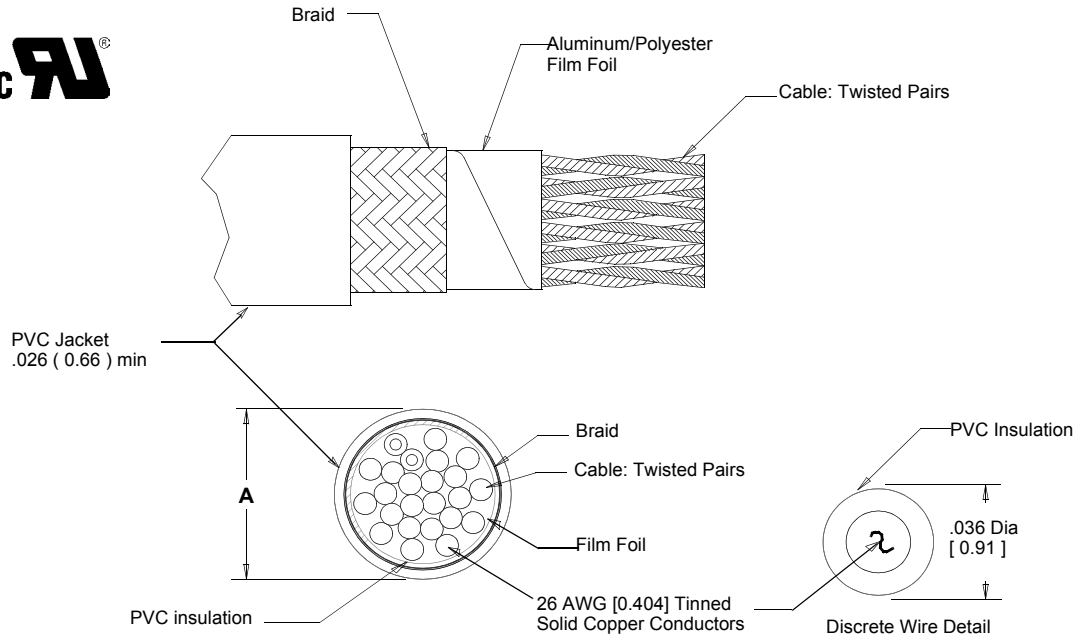
UL File No.: E118773, Power Limited Circuit Cable CL2 (or AWM Style 2464)

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Number of Conductors	3M Part Number	Dim A ± .020
10 (5 pair)	<b>3560/10</b>	.265 [ 6.73 ]
16 (8 Pair)	<b>3560/16</b>	.285 [ 7.24 ]
26 (13 Pair)	<b>3560/26</b>	.345 [ 8.76 ]
32 (16 Pair)	<b>3560/32</b>	.360 [ 9.14 ]
38 (19 Pair)	<b>3560/38</b>	.415 [ 10.54 ]
50 (25 Pair)	<b>3560/50</b>	.445 [ 11.30 ]
60 (30 Pair)	<b>3560/60</b>	.490 [ 12.45 ]
64 (32 Pair)	<b>3560/64</b>	.500 [ 12.70 ]



**Pair Number Identification Chart**

Primary Color	Secondary Color							
	Red	White	Green	Blue	Yellow	Brown	Orange	
Black	1	2	3	4	5	6	7	
Red		8	9	10	11	12	13	
Green		14		15	16	17	18	
White				19	20	21	22	
Blue					23	24	25	
Yellow						26	27	
Brown							28	
Violet	29	30	31	32				

**Inch**  
**[mm]**

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

[ ] Dimensions for Reference only

## Ordering Information

**3560/XX**

Number of Conductors  
(See Table)

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Note: Available in standard lengths of 100 feet or 300 feet per roll. Please specify when ordering.

## Important Notice

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Minimum 10%  
Post-Consumer Fiber

Printed in USA.

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