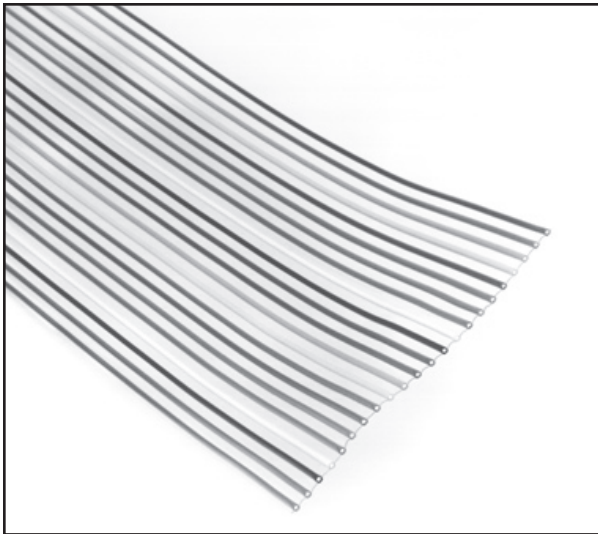


# 3M™ Color Coded Flat Cable

.156" 22 AWG Stranded, PVC

3391 Series



- Stranded wire provides flexibility and extended product life
- Parallel lay for mass termination
- Zippable for branching or discrete termination
- Wires are color-coded for easy identification
- RoHS\* compliant

Date Modified: May 21, 2008

TS-0079-B  
Sheet 1 of 2

## Physical

### Insulation:

Material: Polyvinyl Chloride (PVC)

Color: 10 Color Repeat, Clear Carrier

**Marking Standard:** None

Canadian Option: **UL** AWM 20122 80C 600V VW1 3M NU C **UL** AWM IA 80C 150V FT1 EU <50V

**Conductors:** 22 AWG, 7 x 30 AWG [7 x Ø 0.254] Tinned Stranded Copper

## Electrical

**Voltage Rating:** USA: 600V Canada: 150V EU: <50V

**Insulation Resistance:** >1 x 10<sup>9</sup>Ω /10ft [3 m]

**Characteristic Impedance:** Unbalanced: 153 Ω

**Capacitance:** Unbalanced: 8.4 pF/ft. [ 27.5 pF/m ]

**Inductance:** Unbalanced: 0.20 μH/ft. [ 0.65 μH/m ]

**Propagation Delay:** Unbalanced: 1.29 ns/ft. [ 4.22 ns/m ]

**Velocity of Propagation:** 79%

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

## Environmental

**Temperature Rating:** -20°C to +80°C

**Flammability Rating:** USA: VW-1 Canada: FT1

UL File No.: E42769, Style No.:20122

\*"RoHS Compliant 2005/95/EC" means that the product or part ("Product") does not contain any of the substances in excess of the maximum concentration values in EU Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC, unless the substance is in an application that is exempt under EU RoHS. This information represents 3M's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.

In the event any product is proven not to conform with 3M's Regulatory Information Appendix then 3M's entire liability and Buyer's exclusive remedy will be in accordance with the Warranty stated below.

**3M**

Electronic Solutions Division  
Interconnect Solutions

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

3M is a trademark of 3M Company.  
For technical, sales or ordering information call  
**800-225-5373**

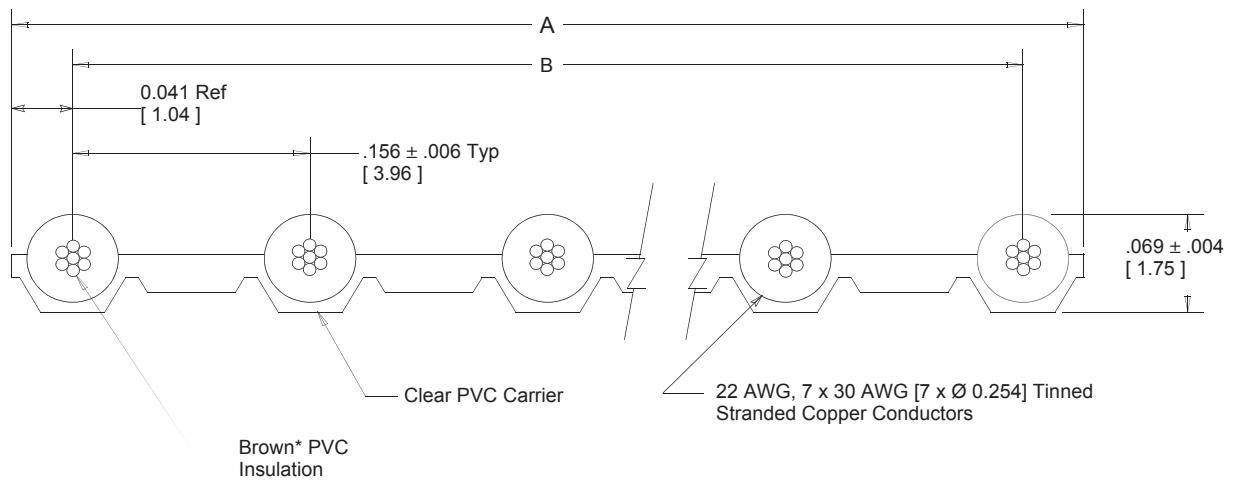
# 3M™ Color Coded Flat Cable

.156" 22 AWG Stranded, PVC

3391 Series

**DIMENSION TABLE**

Number of Conductors	3M Part Number	Dimension A	Dimension B
4	3391/04	0.546 ± .015 [13.87]	0.468 ± .010 [11.89]
6	3391/06	0.858 ± .020 [21.79]	0.780 ± .015 [19.81]
8	3391/08	1.170 ± .020 [29.72]	1.092 ± .015 [27.74]
10	3391/10	1.482 ± .020 [37.64]	1.404 ± .015 [35.66]
12	3391/12	1.794 ± .025 [45.57]	1.716 ± .020 [43.59]
15	3391/15	2.282 ± .025 [57.45]	2.184 ± .020 [55.47]
18	3391/18	2.730 ± .025 [69.34]	2.652 ± .020 [67.36]
22	3391/22	3.354 ± .025 [85.19]	3.276 ± .020 [83.21]



\*10 Color Repeat

- Brown
- Red
- Orange
- Yellow
- Green
- Blue
- Violet
- Gray
- White
- Black



Inch  
[mm]

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

[ ] Dimensions for Reference Only

## Ordering Information

**3391 / XX 100 XX**

Blank = Standard  
C = Canadian Certified Version

Blank = Standard  
SF = Splice Free

Length of Roll in Feet  
100 = 100 ft Standard

Number of Conductors  
(See Table)

Note:  
Contact 3M for availability of custom roll lengths.

TS-0079-B  
Sheet 2 of 2