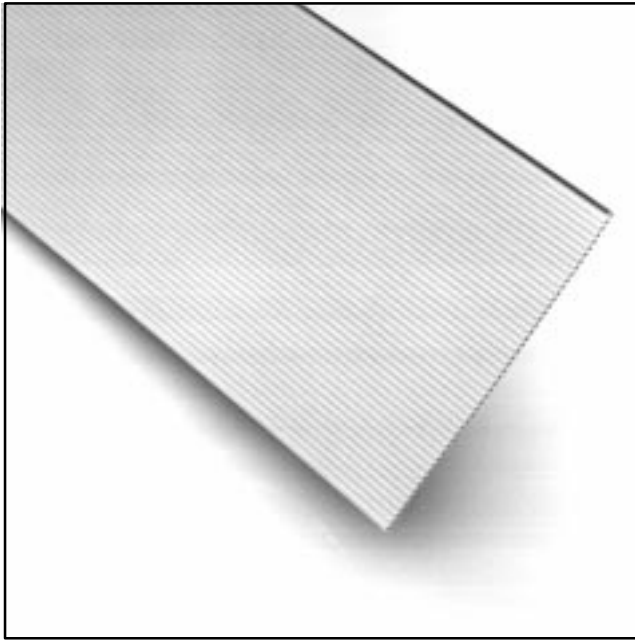


# .050" Round Conductor Flat Cable

28 AWG Stranded, PVC

3365 Series



- 28 AWG wire on .050 inch centers permits mass termination to a broad line of IDC connectors
- Stranded wire provides flexibility and extended product life
- Zippable for branching or discrete termination

Date Modified: February 19, 1999

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## Physical

### Insulation

Material: Polyvinyl Chloride (PVC)

Color: Gray

### Marking

Standard: None

Canadian Option:  AWM 2651 105C 300V VW1 3M NU  AWM IA 105C 300V FT1  
EU <50V

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

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## Electrical

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

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

**Characteristic Impedance** Unbalanced: 108  $\Omega$

**Capacitance** Unbalanced: 12.8 pF/ft. [ 42.0 pF/m ]

**Inductance** Unbalanced: .15  $\mu\text{H/ft. [ 0.50 } \mu\text{H/m ]}$

**Propagation Delay** Unbalanced: 1.40 ns/ft. [ 4.59 ns/m ]

**Velocity of Propagation:** Unbalanced: 73%

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

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## Environmental

**Temperature Rating:** -20°C to +105°C

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

Canada: FT1

UL File No.: E42769, Style No.: 2651

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### 3M Interconnect Solutions Division

6801 River Place Blvd.  
Austin, TX 78726-9000

For technical, sales or ordering information call  
**800-225-5373**

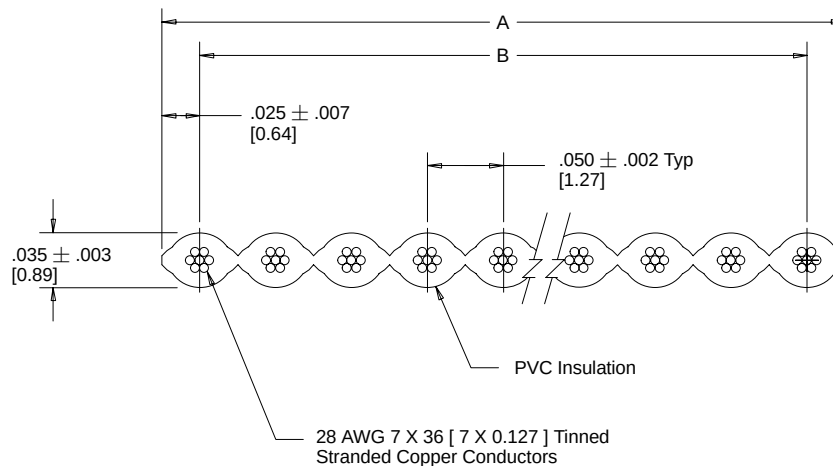
# .050" Round Conductor Flat Cable

## 28 AWG Stranded, PVC

3365 Series



| Number of Conductors | 3M Part Number | Dimension A            | Dimension B            |
|----------------------|----------------|------------------------|------------------------|
| 09                   | 3365/09        | 0.450 ± .010 [ 11.43 ] | 0.400 ± .007 [ 10.16 ] |
| 10                   | 3365/10        | 0.500 ± .010 [ 12.70 ] | 0.450 ± .007 [ 11.43 ] |
| 14                   | 3365/14        | 0.700 ± .010 [ 17.78 ] | 0.650 ± .007 [ 16.51 ] |
| 15                   | 3365/15        | 0.750 ± .010 [ 19.05 ] | 0.700 ± .007 [ 17.78 ] |
| 16                   | 3365/16        | 0.800 ± .015 [ 20.32 ] | 0.750 ± .011 [ 19.05 ] |
| 20                   | 3365/20        | 1.000 ± .015 [ 25.40 ] | 0.950 ± .011 [ 24.13 ] |
| 24                   | 3365/24        | 1.200 ± .015 [ 30.48 ] | 1.150 ± .011 [ 29.21 ] |
| 25                   | 3365/25        | 1.250 ± .015 [ 31.75 ] | 1.200 ± .011 [ 30.48 ] |
| 26                   | 3365/26        | 1.300 ± .015 [ 33.02 ] | 1.250 ± .011 [ 31.75 ] |
| 30                   | 3365/30        | 1.500 ± .020 [ 38.10 ] | 1.450 ± .015 [ 36.83 ] |
| 34                   | 3365/34        | 1.700 ± .020 [ 43.18 ] | 1.650 ± .015 [ 41.91 ] |
| 36                   | 3365/36        | 1.800 ± .020 [ 45.72 ] | 1.750 ± .015 [ 44.45 ] |
| 37                   | 3365/37        | 1.850 ± .020 [ 46.99 ] | 1.800 ± .015 [ 45.72 ] |
| 40                   | 3365/40        | 2.000 ± .020 [ 50.80 ] | 1.950 ± .015 [ 49.53 ] |
| 44                   | 3365/44        | 2.200 ± .020 [ 55.88 ] | 2.150 ± .015 [ 54.61 ] |
| 50                   | 3365/50        | 2.500 ± .020 [ 63.50 ] | 2.450 ± .015 [ 62.23 ] |
| 60                   | 3365/60        | 3.000 ± .020 [ 76.20 ] | 2.950 ± .015 [ 74.93 ] |
| 64                   | 3365/64        | 3.200 ± .020 [ 81.28 ] | 3.150 ± .015 [ 80.01 ] |



Inch  
[mm]

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

[ ] Dimensions for  
Reference Only

Note: Red marking on one edge of cable designates wire #1.

## Ordering Information

3365/XX

Blank = Standard  
C = Canadian Certified  
Version

Number of Conductors  
(See Table)

Note:

- Available in standard lengths of 100 feet, 300 feet, 30 meters or 100 meters per roll, please specify when ordering.
- For "special" black insulation, order part number 3696/XX.

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Sheet 2 of 2

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