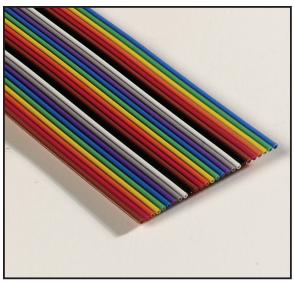
# $3M^{TM}$ Color Coded Flat Cable

.050" 28 AWG Stranded, PVC



- 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
- Color coded for wire identification
- RoHS Compliant. See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3Mconnectors.com for compliance information (RIA E1 & C1 apply)

Date Modified: May 1, 2012

TS-0123-C Sheet 1 of 2

## **Physical**

Insulation:	
Material:	Polyvinyl Chloride (PVC)
Color:	10 Color Repeat, Clear Carrier
Marking:	
Standard:	None
Canadian Option:	<b>X</b> AWM 20462 105C 300V VW1 3M NU C <b>X</b> AWM IA 80C 150V FT1 EU <50V
<b>Conductors:</b>	28 AWG, 7 × 36 AWG [ 7 × Ø 0.127 ] Tinned Stranded Copper

# **Electrical**

Voltage Rating:USA: 300VCanada: 150VEU: <50VInsulation Resistance: $>1 \times 10^9 \Omega/10$  ft. [3 m]EU: <50VCharacteristic Impedance:Unbalanced<br/> $105 \Omega$ EU: <50VCapacitance:14.1 pF/ft [46.3 pF/m]EU: <50VInductance: $0.15 \mu \text{H/ft} [0.49 \mu \text{H/m}]$ EU: <50VPropagation Delay:1.47 ns/ft [4.82 ns/m]Velocity of Propagation:69%

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

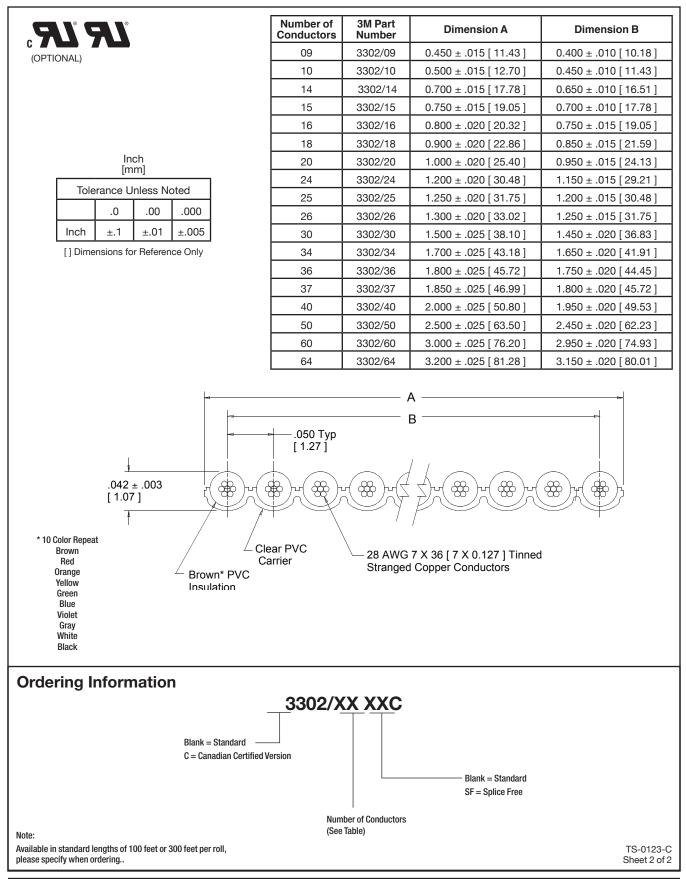
### Environmental

Temperature Rating:USA: -20°C to +105°CCanada: -20°C to +80°CFlammability Rating:USA: VW-1Canada: FT1

UL File No.: E42769, Style No: 20462

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#### **3M** Interconnect Solutions

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