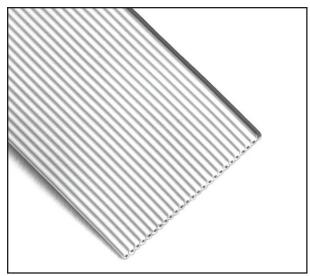
# $3M^{TM}$ Round Conductor Flat Cable

.050" 26 AWG Stranded, TPE



- 26 AWG wire on .050 inch centers permits mass termination to a broad line of IDC connectors
- TPE insulation provides excellent transmission properties at a low cost
- Zippable for branching or discrete terminations
- See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3Mconnector.com for compliance information (RIA E1 & C1 apply)

Date Modified: March 15, 2010

TS-0342-E Sheet 1 of 2

### **Physical**

### **Insulation:**

Material: Thermoplastic Elastomer (TPE) Color: Gray Marking: Standard: None Conductors: 26 AWG 7 × 34 [ 7 × 0.160 ] Tinned Stranded Copper

## **Electrical**

Voltage Rating:	USA: 300V	EU: <50V
<b>Insulation Resistance:</b>	$>$ 1 $\times$ 10 $^{10}$ $\Omega/10$ ft. [ 3 m ]	
Characteristic Impedance:	Unbalanced 104 Ω	
Capacitance:	13.1 pF/ft (42.98 pF/m)	
Inductance:	0.14 µH/ft (0.46 µH/m)	
<b>Propagation Delay:</b>	1.36 ns/ft (4.46 ns/m)	
Velocity of Propagation:	75%	

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

## Environmental

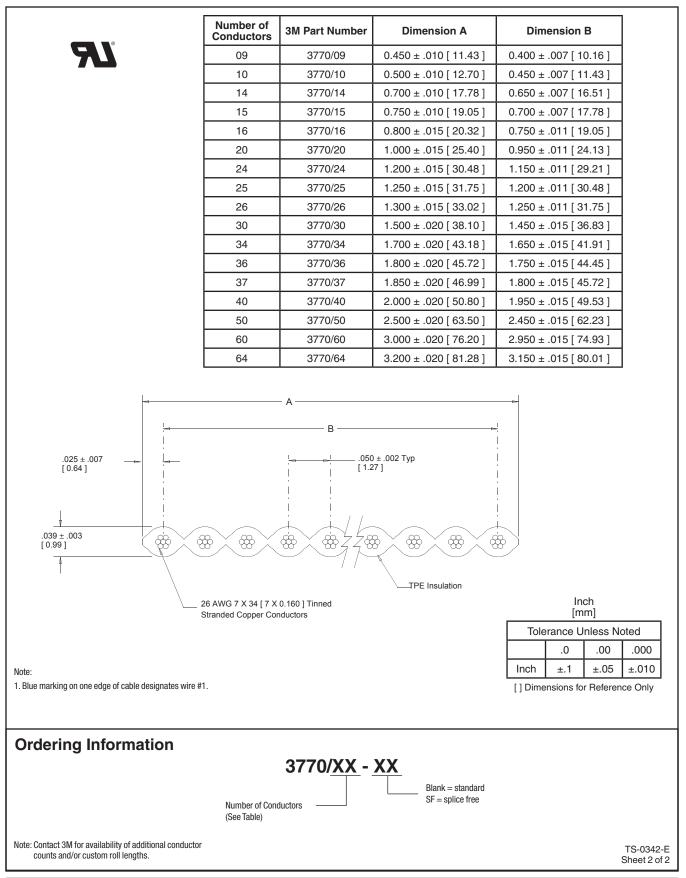
**Temperature Rating:** -40°C to +105°C **Flammability Rating:** USA: UL Horizontal

UL File No.: E42769, Style No: 20297

## $3M^{\text{TM}}$ Round Conductor Flat Cable

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3770 Series



#### ЗМ

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**3M Electronics Solutions Division** 6801 River Place Blvd. Austin, TX 78726-9000 U.S.A. 1-800-225-5373 www.3Mconnector.com

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