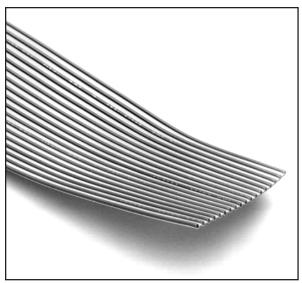
$3M^{\text{TM}}$ Round Conductor Flat Cable



- Designed for power applications requiring higher current carrying capability
- 18 AWG tinned stranded copper wire provides flexibility and extended product life
- Individually insulated conductors are laminated to a PVC backing which can be zipped apart for branching or discrete terminations
- See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3M.com/ Interconnects for compliance information (RIA E1 & C1 apply)

Date Modified: September 1, 2009

TS-0057-C Sheet 1 of 2

Physical

Insulation:

Material:	Polyvinyl Chloride (PVC)
Color:	Dark Gray Wires
Marking:	
Standard:	None
Canadian Option:	X AWM 20462 105C 300V VW1 3M NU C X AWM IA 80C 150V FT1 EU <50V
Conductors:	18 AWG 19 × 30 AWG [$19 \times \emptyset 0.254$] Tinned Stranded Copper

Electrical

Voltage Rating:	USA: 300V	Canada: 150V	EU: <50V	
Insulation Resistance:	$> 1 \times 10^{10}\Omega/10$ ft. [3 m]			
Characteristic Impedance: Unbalanced: 127				
Capacitance:	Unbalanced: 9.6 pF/ft [31.5 pF/m]			
Inductance:	Unbalanced: 0.15 µH/ft [0.49 µH/m]			
Propagation Delay:	Delay: Unbalanced: 1.22 ns/ft [4.00 ns/m]			
Velocity of Propagation:	Unbalanced: 83%			
Note: Unbalanced is measured between ground-signal-ground conductors.				

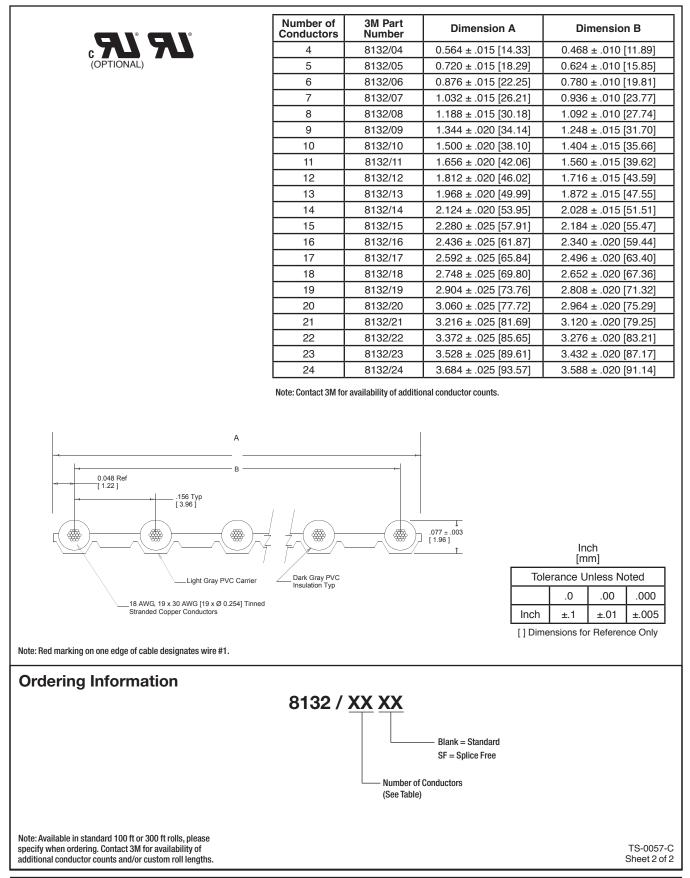
Environmental

Temperature Rating: -20°C to +80°C **Flammability Rating:** USA: VW-1 Canada: -20°C to +80°C Canada: FT1

UL File No.: E42769, Style No: 20462

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

.156" 18 AWG Stranded, PVC



ЗМ

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