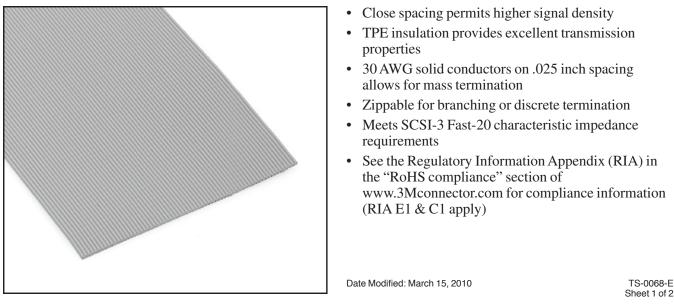
$3M^{TM}$ Round Conductor Flat Cable

.025" 30 AWG Solid, TPE



Physical

Insulation:	
Material:	Thermoplastic Elastomer (TPE)
Color:	Gray
Marking:	
Standard:	None
Canadian Option:	AU AWM 20297 105C 150V HB 3M NU C AU AWM IA 105C 150V FT2 EU <50V
Conductors:	30 AWG [Ø 0.254] Tinned Solid Copper

Electrical

Voltage Rating:	USA: 150V	Canada: 150V
Insulation Resistance:	(Primary Cable) > 1×10^{10}	Ω/10 ft. [3 m]
Characteristic Impedance:	Unbalanced 90 Ω	
Capacitance:	16.5 pF/ft [54.1 pF/m]	
Inductance:	0.13 µH/ft [0.43 µH/m]	
Propagation Delay:	1.48 ns/ft [4.86 ns/m]	
Velocity of Propagation:	69%	

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

Environmental

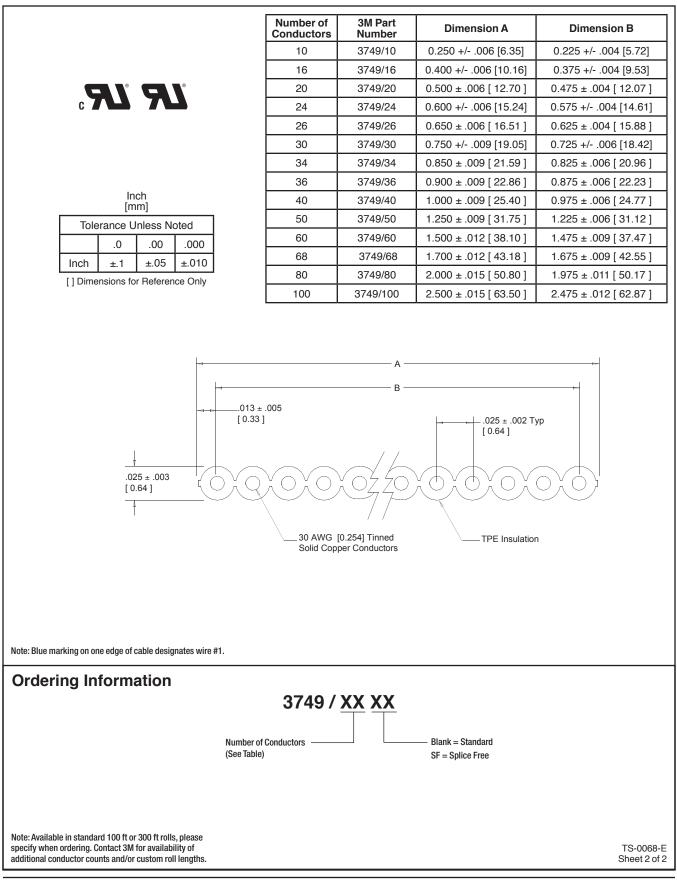
Temperature Rating:-40°C to +105°CFlammability Rating:USA: UL Horizontal Canada: FT2

UL File No.: E42769, Style No: 20297

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

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3749 Series



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