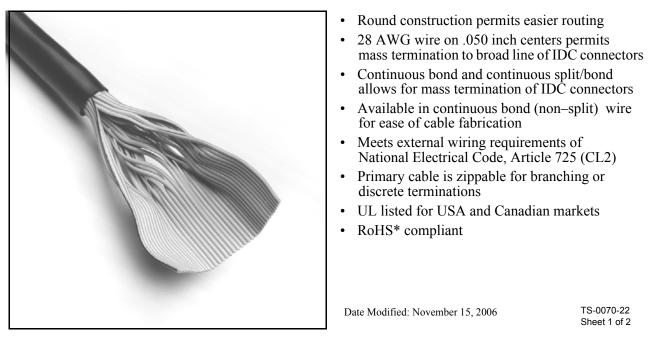
3M[™] Round, Jacketed, Flat Cable

.050" 28 AWG Stranded, Mass-Term, PVC/PVC



Physical

Jacket Material:Polyvinyl Chloride (PVC); Color: BlackPrimary Material:PVC; Color: GrayMarking Standard:(UL) CL2 75C 28 AWG or AWM 20267 3M NU C WM II A/B 80C 300V FT1 EU <50V</td>Conductors:28 AWG, 7 × 36 AWG [7 × ø 0.217] Tinned Stranded CopperInner Wrap:Polyester Film

Electrical

Voltage Rating:	USA: N.E.C. 725, CL2 or AWM; 300V	Canada: 300V	EU: <50V
Insulation Resistance:	(Primary Cable)> $1 \times 10^{10} \Omega/10$ ft. [3m]		
	Unbalanced	Balanced	
Characteristic Impedance:	90 Ω	133 Ω	
Capacitance:	16.7 pF/ft [54.8 pF/m]	11.9 pF/ft [39.0 pF/m]	
Inductance:	0.13 µH/ft [0.44 µH/m]	0.21 µH/ft [0.69 µH/m]	
Propagation Delay:	1.50 ns/ft [4.92 ns/m]	1.58 ns/ft [5.18 ns/m]	
Velocity of Propagation:	68%	64%	

Note: Unbalanced is measured between ground-signal-ground conductors. Balanced is measured between conductors within a pair.

Environmental

Temperature Rating: USA: CL2; 75°C or AWM; -20°C to + 80°C Canada: 80°C **Flammability Rating:** USA: N.E.C. 725, CL2 Canada: FT1

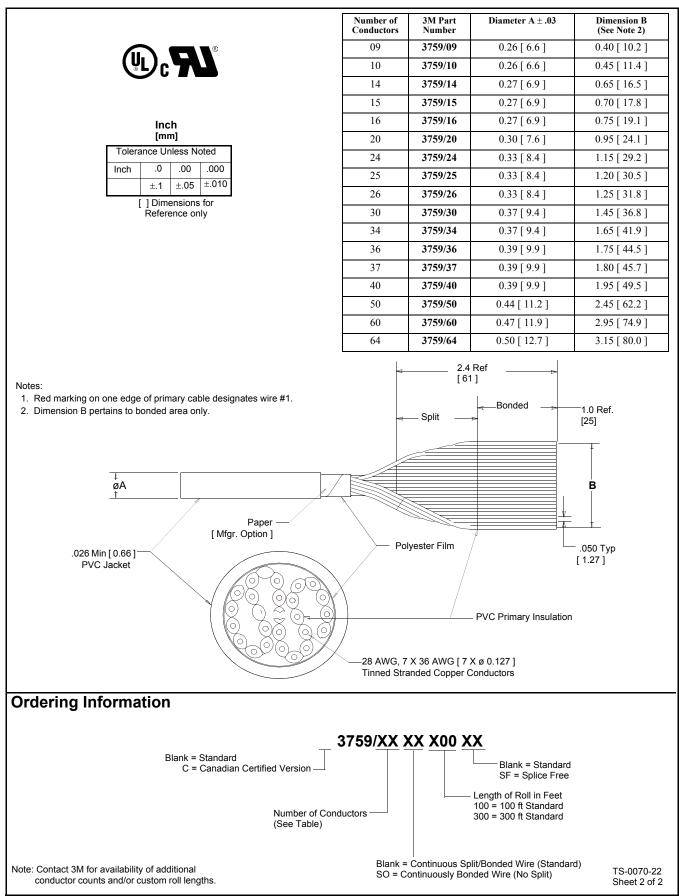
"RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or prolybromianted diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based upon information provided by third party suppliers to 3M.

UL File No.: E118773, Power Limited Circuit Cable: CL2 (or AWM Style 20267)

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.050" 28 AWG Stranded, Mass-Term, PVC/PVC

3759 Series



3M Interconnect Solutions http://www.3M.com/interconnects/

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Minimum 10% Post-Consumer Fiber

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