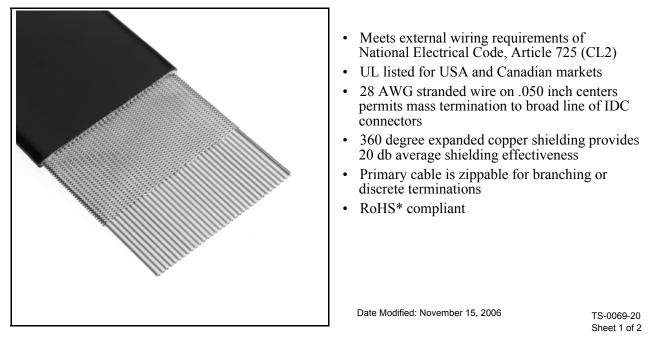
3M[™] Shielded/Jacketed, Flat Cable

.050" 28 AWG Stranded, PVC/PVC



Physical

Jacket Material:Polyvinyl Chloride (PVC)Color:BlackMaterial:PVCColor:GrayMarking:UL) CL2 75C 28 AWG or AWM 20879 3M NU C AWM IIA/B 80C 300V FT1 EU<50V</th>Conductors:28 AWG, 7 × 36 AWG [7 × Ø 0.127] Tinned Stranded CopperShielding Material:Expanded Copper

Electrical

Voltage Rating:	USA: N.E.C. 725, CL2 or AWM 30	0 V Canada <50 V EU: <50 V
Insulation Resistance:	(Primary Cable) $> 1 \times 10^{10} \Omega/10$ ft [3 m]	
	Unbalanced	Balanced
Characteristic Impedance:	70 Ω	119 Ω
Capacitance:	21.5 pF/ft [70.5 pF/m]	12.7 pF/ft [41.7 pF/m]
Inductance:	0.11 µH/ft [0.35 µH/m]	0.18 μH/ft [0.59 μH/m]
Propagation Delay:	1.51 ns/ft [4.95 ns/m]	1.51 ns/ft [4.95 ns/m]
Velocity of Propagation:	67%	67%

Note: Unbalanced is measured between ground-signal-ground conductors, with shield grounded. Balanced is measured between signal conductors within a pair, with the shield floating.

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 polybrominated 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 20879)

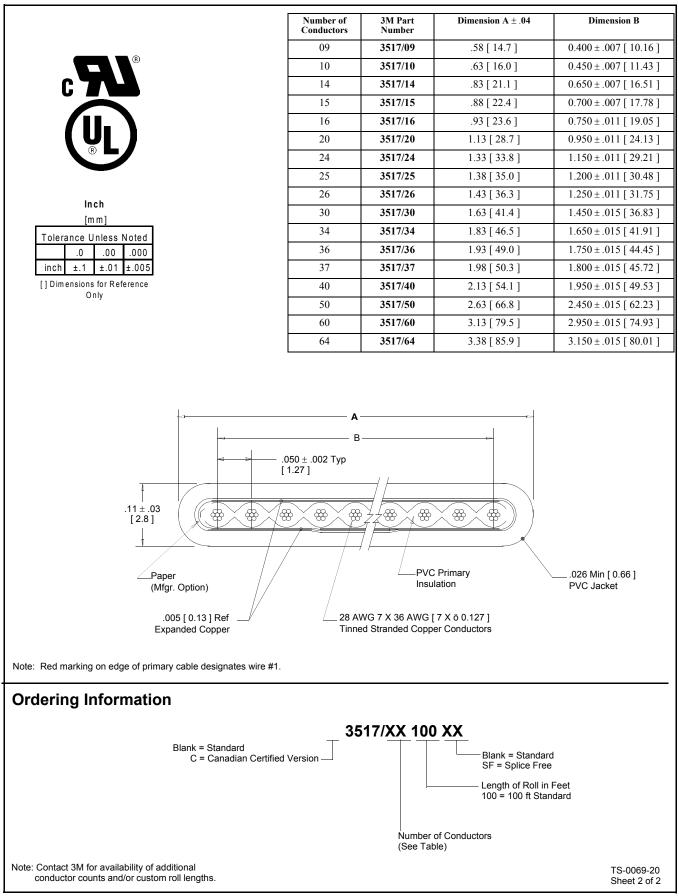
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.050" 28 AWG Stranded, PVC/PVC

3517 Series



ЗМ