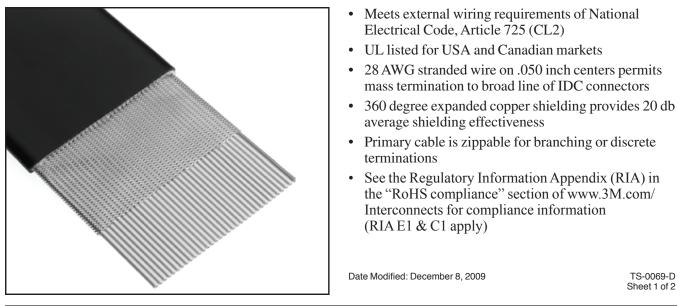
3M[™] Shielded/Jacketed, Flat Cable

.050" 28 AWG Stranded, PVC/PVC



Physical

Jacket Material:	Polyvinyl Chloride (PVC)
Color:	Black
Primary Material:	PVC
Color:	Gray
Marking:	
Standard:	(UL) CL2 75C 28 AWG or AWM 20879 3M NU C % AWM IIA/B 80C 300V FT1 EU <50V
Conductors:	28 AWG, 7 \times 36 AWG [7 \times Ø 0.127] Tinned Stranded Copper
Shielding Material:	Expanded Copper

Electrical

Voltage Rating: USA: N.E.C. 725, CL2 or AWM 300V Canada: <50V EU: <50V
Insulation Resistance: (Primary Cable) > $1 \times 10^{10} \Omega/10$ ft. [3 m]
Characteristic Impedance:UnbalancedBalanced70 Ω119 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

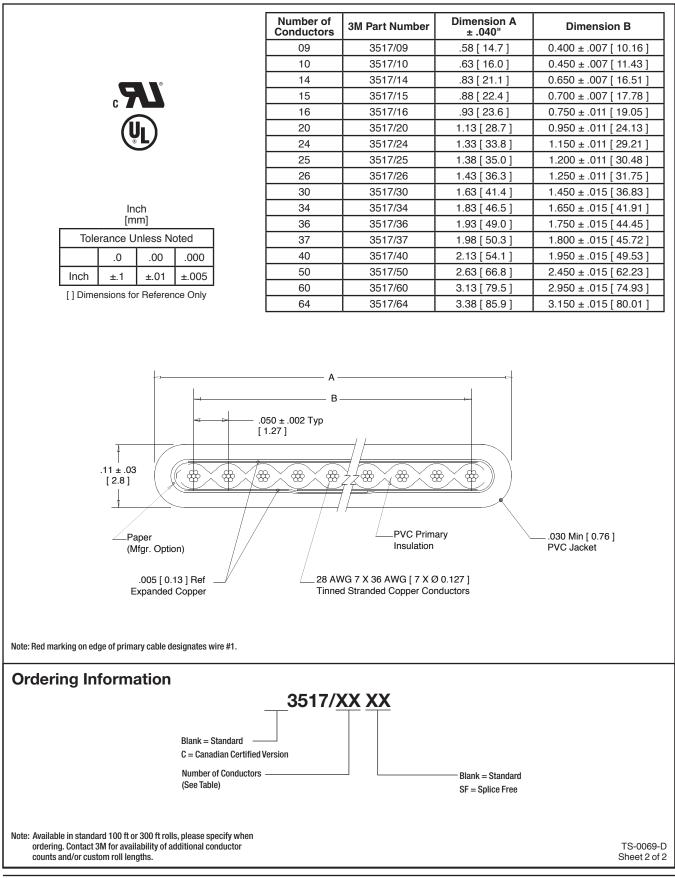
Temperature Rating: USA: CL2; 75°C or AWM: -20°C to +80°C Canada: 80°C Flammability Rating: USA: N.E.C. 725, CL2 Canada: FT1

UL File No.: E118773, Power Limited Circuit Cable: CL2 (or AWM Style 20879)

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3517 Series



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