

UL TYPE CL2
UL STYLE 2912
RoHS COMPLIANT
150 VOLT

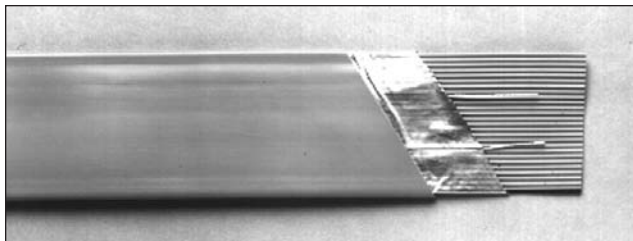
FLAT CABLE

SHIELDED AND JACKETED FLAT CABLE

0.050" CENTERS

SHIELDED AND JACKETED FLAT CABLE APPLICATIONS:

- Used for External Interconnect Between Data Processing Peripherals Where RF Suppression is Mandated
- Provides EMI, RFI, ESD Protection



CHARACTERISTICS

OPERATING TEMPERATURE:

- -20°C to 105°C

VOLTAGE RATING:

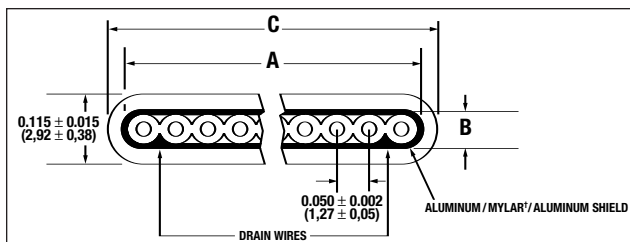
- 150 Volt

COLOR DESCRIPTION:

- Color Code: Gray with Red Stripe on Leading Edge
- Jacket Color: Gray

PRODUCT DESCRIPTION:

- Conductor: Stranded Tinned Copper Conductors on 0.050" (1,27mm) Centers
- Insulation: PVC
- Shielding: Aluminum/Mylar/Aluminum with Two Stranded Tinned Copper Drain Wires 28 AWG, 7/36
- Jacket: 0.030" (0,08mm) PVC Jacket



28 AWG (0,09mm²), 7/36 (7x0,13mm), Insulation Thickness: 0.010" (0,25mm)

Alpha Part No.	Core Width "A"		Core Thickness (Max.) "B"		Width "C"	
	Inches	mm	Inches	mm	Inches	mm
3590/9	0.450 ± 0.010	11,43 ± 0,25	0.035	0,88	0.520 ± 0.020	13,21 ± 0,51
3590/10	0.500 ± 0.010	12,70 ± 0,25	0.035	0,88	0.570 ± 0.020	14,48 ± 0,51
3590/14	0.700 ± 0.010	17,78 ± 0,25	0.035	0,88	0.770 ± 0.030	19,56 ± 0,76
3590/15	0.750 ± 0.010	19,05 ± 0,25	0.035	0,88	0.820 ± 0.030	20,83 ± 0,76
3590/16	0.800 ± 0.010	20,32 ± 0,25	0.035	0,88	0.870 ± 0.030	22,10 ± 0,76
3590/20	1.000 ± 0.015	25,40 ± 0,38	0.035	0,88	1.070 ± 0.030	27,18 ± 0,76
3590/24	1.200 ± 0.015	30,48 ± 0,38	0.035	0,88	1.270 ± 0.030	32,26 ± 0,76
3590/25	1.250 ± 0.015	31,75 ± 0,38	0.035	0,88	1.320 ± 0.030	33,53 ± 0,76
3590/26	1.300 ± 0.015	33,02 ± 0,38	0.035	0,88	1.370 ± 0.030	34,80 ± 0,76
3590/34	1.700 ± 0.015	43,18 ± 0,38	0.035	0,88	1.770 ± 0.035	44,95 ± 0,88
3590/37	1.850 ± 0.015	46,99 ± 0,38	0.035	0,88	1.950 ± 0.035	49,53 ± 0,88
3590/40	2.000 ± 0.015	50,80 ± 0,38	0.035	0,88	2.070 ± 0.035	52,57 ± 0,88
3590/50	2.500 ± 0.020	63,50 ± 0,51	0.035	0,88	2.570 ± 0.035	65,27 ± 0,88
3590/60	3.000 ± 0.020	76,20 ± 0,51	0.035	0,88	3.070 ± 0.035	77,97 ± 0,88

†Registered trademark of E.I. DuPont

SPECIFICATIONS

- Capacitance: 20 pF/ft (65,6 pF/m) at 1 MHz Nom.
- Impedance: 70 Ohms Nom.
- Propagation Delay: 1.56 ns/ft (3,3m) 0.18 ns Rise Time Pulse
- Crosstalk: At 3.5 ns Rise Time; Near End: 5.5%; Far End: 1.6%
- UL Type CL2
- UL AWM Style 2912
- RoHS Compliant



Passes
UL 910 Flame Test
Underwriters Laboratories Inc.



RoHS
Compliant

AVAILABILITY

- 100 ft (30,5m) put-ups, may contain multiple lengths

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