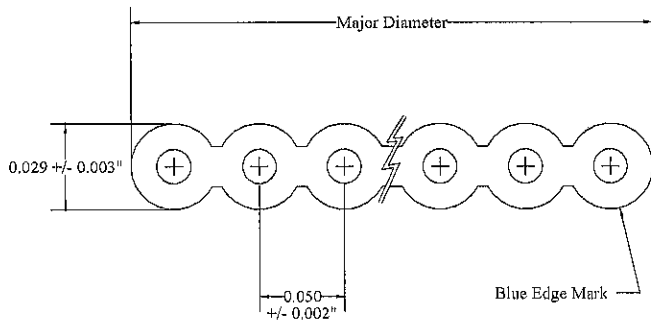


MULTI-CONDUCTOR 28 AWG 0.050" CENTER FLAT CABLE



CONSTRUCTION

Single Component

Conductor: 28 AWG 7/36 Silver Plated Copper, 0.015 Inch Diameter

Final Assembly

Core: Multi-Conductors Laid Flat and Parallel

Insulation¹: 0.007 Inches of FEP, Color – Light Blue

Minor Diameter: 0.029 ± 0.003 Inches

Major Diameter: See Table 1

Identification: Polarity Edge Mark shall cover a minimum of one end conductor,
Color – Dark Blue

¹ Flat construction with common overall insulation

TABLE 1 – P/N & CONSTRUCTION

Madison Part Number	No. of Conductors	Major Diameter (Inches)
022DY00001	2	0.100
062DY00001	6	0.300
082DY00001	8	0.400
092DY00001	9	0.450
102DY00016	10	0.500
122DY00001	12	0.600
142DY00012	14	0.700
152DY00001	15	0.750
162DY00011	16	0.800
202DY00015	20	1.000

242DY00011	24	1.200
252DY00001	25	1.250
262DY00013	26	1.300
302DY00012	30	1.500
322DY00001	32	1.600
342DY00013	34	1.700
402DY00016	40	2.000
502DY00014	50	2.500
642DY00012	64	3.200

ELECTRICAL CHARACTERISTICS²

Impedance: 115 Ohms Nominal @ TDR

Capacitance: 10 pF/ft Nominal

Inductance: 0.14 µH Nominal

Near-End Crosstalk: 3.0% Nominal, 5 ns Rise-Time

Far-End Crosstalk: 2.8% Nominal, 5 ns Rise-Time

Time Delay: 1.21 ns/ft Nominal

Insulation Resistance: 500 Megohms-1000 ft

Dielectric Withstand: 2000 Volts RMS

Conductor DC Resistance: 0.065 Ohms/ft Maximum @ 20°C

²Electricals measured using G-S-G, all grounds commoned.

SAFETY CERTIFICATION

UL Recognized: AWM Style 20424 200°C 300 Volts

RoHS Compliance: In Accordance to European Directive 2002/95/EC, Issue
13.2.2003



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REVISION HISTORY

3	05/15/01	DC	Added P/N's
4	06/08/01	EP	Added Madison & Tyco P/N's
5	04/11/02	RL	Revised Identification
6	08/20/04	EP	Revised P/N's
7	10/27/05	EP	Added 8C P/N; Removed Tyco P/N Reference
8	03/23/06	HA	Added 6C P/N

Spec Number: 100-4673
Part Number: See Table 1

Customer:
Customer #:

Prepared By: H. Abusamra
Reviewed By: B. Harvie N. Allen

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