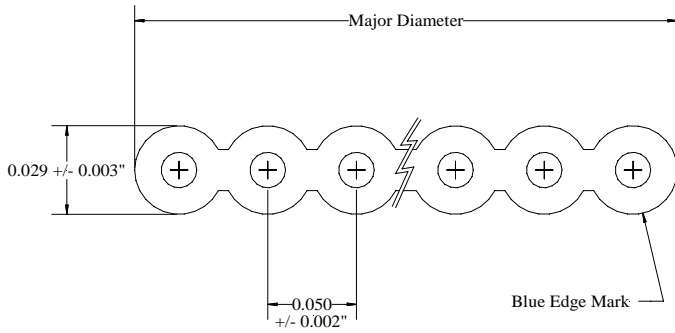


MULTI-CONDUCTOR 28 AWG 0.050" CENTER FLAT CABLE



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

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

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

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

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
102DY00018	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

REVISION HISTORY

4	06/08/01	EP	Added Madison & Tyco P/N's
5	04/09/02	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	03/24/06	HA	Added 6C P/N
9	03/19/09	HA	Revised 10/C part number


Tyco Electronics

MADISON Cable
 125 Goddard Memorial Drive • Worcester, MA 01603 USA
 Tel: (508) 752-2884 Toll-Free: (877) MADISON Fax: (508) 752-4230

Spec Number: 100-4673

Part Number: See Table 1

Customer:

Customer #:

Prepared By: H. Abusamra

Reviewed By: B. Harvie

B. Morissette

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Users should evaluate the suitability of this product for their application. Contact factory for latest revision of specification. Tyco Electronics reserves the right to make changes in materials or processing, which do not affect compliance with any specification, without notification to the Buyer.

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