

## Daburn #1865 & #1866 PVC MicroZip Ribbon Cable

**UL Style: 2678**

**UL Voltage Rating: 150 Volts**

**UL Temperature: 105°C**

**CSA Style: AWM I A/B FT-1**

**CSA Voltage Rating: 150 Volts**

**CSA Temperature: 105°C**

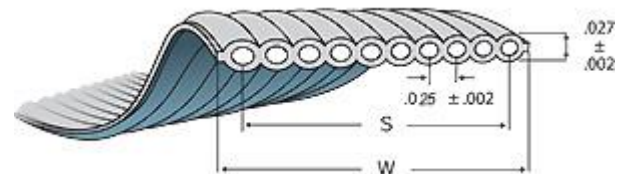


### Features

- Tight Tolerances on 0.025" Pitch Flat Ribbon Cable
- Solid Conductor Construction for Lower Cost Alternative with Improved Impedance Performance over Stranded
- UL and CSA Approved (Cable is printed UL/CSA)
- 80 Conductor Ultra ATA 100 Compliant
- RoHS Compliant

### Physical Description

This MicroZip consists of 30 AWG solid bare or stranded tinned copper. Conductors are then fully extruded with PVC insulation. A red polarity stripe is added to the first conductor for easy identification. Standard color is gray.



### Applications

- Ultra ATA 33, 66, 100 and 133
- High Density Interconnect
- IDE HDD Compliant

## Specification

Daburn Series	Conductor AWG Stranding Coating	Insulation	Conductor Resistance $\Omega$ /Mft. @20°C	Capacitance		Impedance		Propagation Delay	
				pF/ft. (G-S)	pF/ft. (G-S-G)	(G-S-G) ( $\Omega$ ) SE	(G-S) ( $\Omega$ ) Diff.	ns/ft.	Skew ns/ft (Max.)
1865	30 AWG 1/30 BC	PVC	104	14.2	25	80	130	1.52	0.036
1866	30 AWG 7/38 TC	PVC	106	15.8	23.30	75	110	1.62	0.030

Daburn Part #	Insulation	No. of Conductors	Width "W"	Span "S"	Pitch Tolerance	Standard Put-ups	Minimum Purchase
1865/20	PVC	20	0.500"	0.475" $\pm$ 0.005"	$\pm$ 0.0016"	100'	5000'
1865/25	PVC	25	0.625"	0.600" $\pm$ 0.005"	$\pm$ 0.0016"	100'	5000'
1865/26	PVC	26	0.650"	0.625" $\pm$ 0.005"	$\pm$ 0.0016"	100'	5000'
1865/34	PVC	34	0.850"	0.825" $\pm$ 0.005"	$\pm$ 0.0016"	100'	5000'
1865/40	PVC	40	1.000"	0.975" $\pm$ 0.005"	$\pm$ 0.0016"	100'	5000'
1865/50	PVC	50	1.250"	1.225" $\pm$ 0.005"	$\pm$ 0.0016"	100'	5000'
1865/60	PVC	60	1.500"	1.475" $\pm$ 0.005"	$\pm$ 0.0016"	100'	5000'
1865/68	PVC	68	1.700"	1.675" $\pm$ 0.005"	$\pm$ 0.0016"	100'	5000'
1865/80	PVC	80	2.000"	1.975" $\pm$ 0.005"	$\pm$ 0.0016"	100'	5000'
1865/100	PVC	100	2.500"	2.475" $\pm$ 0.007"	$\pm$ 0.0016"	100'	5000'
1866/10	PVC	10	0.250"	0.225" $\pm$ 0.005"	$\pm$ 0.0016"	100'	100'
1866/16	PVC	16	0.400"	0.375" $\pm$ 0.005"	$\pm$ 0.0016"	100'	1000'
1866/20	PVC	20	0.500"	0.475" $\pm$ 0.005"	$\pm$ 0.0016"	100'	100'
1866/26	PVC	26	0.650"	0.625" $\pm$ 0.005"	$\pm$ 0.0016"	100'	100'
1866/30	PVC	30	0.750"	0.725" $\pm$ 0.005"	$\pm$ 0.0016"	100'	100'
1866/34	PVC	34	0.850"	0.825" $\pm$ 0.005"	$\pm$ 0.0016"	100'	1000'
1866/40	PVC	40	1.000"	0.975" $\pm$ 0.005"	$\pm$ 0.0016"	100'	100'
1866/50	PVC	50	1.250"	1.225" $\pm$ 0.005"	$\pm$ 0.0016"	100'	100'
1866/60	PVC	64	1.500"	1.475" $\pm$ 0.005"	$\pm$ 0.0016"	100'	100'
1866/64	PVC	68	1.600"	1.575" $\pm$ 0.005"	$\pm$ 0.0016"	100'	1000'
1866/68	PVC	60	1.700"	1.675" $\pm$ 0.005"	$\pm$ 0.0016"	100'	400'
1866/80	PVC	80	2.000"	1.975" $\pm$ 0.005"	$\pm$ 0.0016"	100'	100'
1866/100	PVC	100	2.500"	2.475" $\pm$ 0.007"	$\pm$ 0.0016"	100'	100'

Note: Other conductor counts and other put-ups available upon request.

Note: 28 AWG 7/36 also available.

Note: 1866 thickness is  $0.025 \pm 0.00$