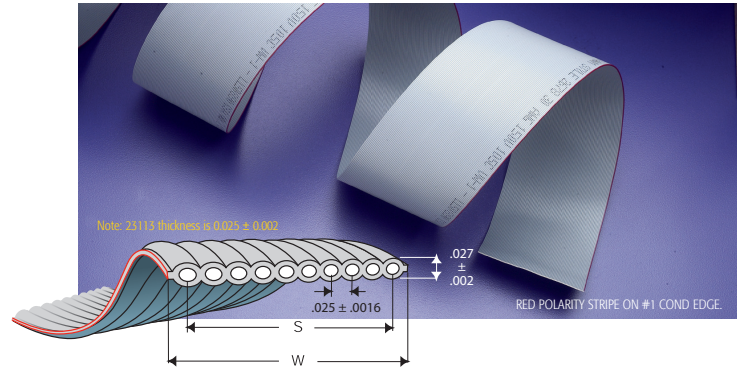


**UL Style: 2678**                      **CSA Style: AWM I A/B FT- 1**  
**UL Voltage Rating: 150V**        **CSA Voltage Rating: 150V**  
**UL Temp: 105°C**                    **CSA Temp: 105°C**

<i>Tightest pitch tolerance in the industry</i>
<i>Solid conductor construction for lower cost and higher impedance</i>
<i>Operating temperature: -20 deg C to +105 deg C</i>
<i>APPLICATIONS Ultra ATA 133 and Ultra 160 SCSI, backwards compatible</i>
<i>Internal interconnections for electronic equipment</i>
<i>REACH and RoHS 2 compliant</i>



**PHYSICAL CONSTRUCTION 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. Pitch Tolerance = ± .0016 inches ( ± .040 mm).

### 23129 Pitch: 0.025 in (0.635 mm)

- 23129 - XX - P - 00YYY
- Conductor AWG: 30 1/30 AWG BC
- Insulation: PVC
- Conductor Resistance ohms/1000 ft (ohms/Km): 104 (34.12)
- Capacitance Ground-Signal (G-S) pF/ft (pF/m): 14.2 (46.57)
  - (G-S-G) pF/ft (pF/m): 25 (82)
- Impedance (G-S-G) SE - Single End: 80 ohms
  - (G-S) Differential: 130 ohms
- Propagation Delay Nanoseconds/ft (ns/m): 1.52 (4.98)
- Maximum Skew ns/ft (ns/m): 0.036 (0.118)

	Part Number	# of Conductors	Put-Up	Width "W" Span "S"
Example 1	23129 - 20 - P - 00100	20	100 ft 30.48 m	Width: .500 in (12.7 mm)
				Span: .475 in (12.1 mm)
Example 2	23129 - 11* - P - 00400	100	400 ft 121.92 m	Width: 2.50 in (63.5 mm)
				Span: 2.475 in (62.85 mm)

Building a Part Number

Part Number Format	23129 - XX - P - 00YYY	XX	00YYY	Width: XX * .025 in Span: XX * .025 in - .025
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XX= No. of conductors: 20, 25, 26, 34, 40, 50, 60, 68, 80, 100 (100 = 11\*)  
 YYY = Put-Up (ft.): 100, 400

### 23113 Pitch: 0.025 in (0.635 mm)

- 23113 - XX - P - 00YYY
- Conductor AWG: 30 7/38 AWG TC
- Insulation: PVC
- Conductor Resistance ohms/1000 ft (ohms/Km): 106 (347.68)
- Capacitance Ground-Signal (G-S) pF/ft (pF/m): 15.8 (51.82)
  - (G-S-G) pF/ft (pF/m): 23.3 (76.424)
- Impedance (G-S-G) SE - Single End: 75 ohms
  - (G-S) Differential: 110 ohms
- Propagation Delay Nanoseconds/ft (ns/m): 1.62 (5.31)
- Maximum Skew ns/ft (ns/m): 0.030 (0.098)

	Part Number	# of Conductors	Put-Up	Width "W" Span "S"
Example 1	23113- 10 - P - 00100	10	100 ft 30.48 m	Width: 0.250 in (6.35 mm)
				Span: 0.225 in (5.72 mm)
Example 2	23113- 11* - P - 00400	100	400 ft 121.92 m	Width: 2.50 in (63.5 mm)
				Span: 2.475 in (62.85 mm)

Building a Part Number

Part Number Format	23113- XX - P - 00YYY	XX	00YYY	Width: XX * .025 in Span: XX * .025 in - .025
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XX= No. of conductors: 20, 25, 26, 34, 40, 50, 60, 68, 80, 100 (100 = 11\*)  
 YYY = Put-Up (ft.): 100, 400

Also available: 20009/xx for 31 AWG stranded SPC, 20021/xx for 32 AWG stranded SPC, and 20034/xx for 32 AWG solid SPC. Other conductor counts and put-ups available upon request.