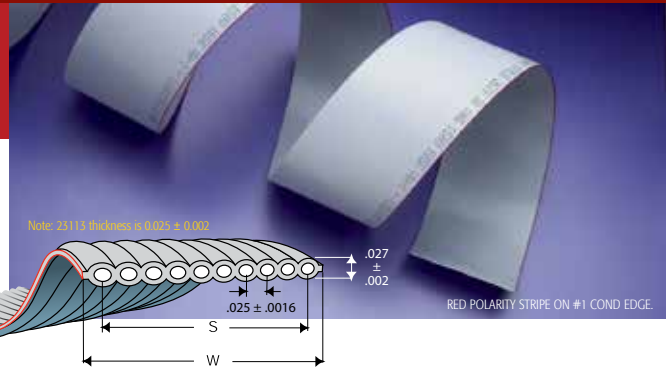


# 0.025 inch (0.635 mm) PVC Solid & Stranded Microzip

Return to TOC

UL Style: 2678  
 UL Voltage Rating: 150V  
 UL Temp: 105°C

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



**Tightest Pitch Tolerances in the Industry**  
**Solid conductor construction for lower cost alternative with improved impedance performance over stranded.**  
**Operating Temperature: -20 deg C to +105 deg C**

**APPLICATIONS** Ultra ATA 133 & backwards compatible  
 Ultra 160 SCSI & backwards compatible  
 Internal Interconnections for Electronic Equipment

**RoHS and REACH Compliant**

**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

23113

Part Number Put-Up	Conductor AWG Stranding/ Coating/ Insulation	# of Conductors	Conductor Resistance ohms/1000 ft (ohms/Km) @20 deg C	Capacitance Ground-Signal (G-S) pF/ft (pF/m) (G-S-G) pF/ft (pF/m)	Impedance (G-S-G) SE - Single End (G-S) Differential	Propagation Delay Nanoseconds/ft (ns/m) Maximum Skew ns/ft (ns/m)	Width "W" Span "S"
23129-20-P-00100 100 foot (30.48m)	30 AWG 1/30 AWG BC PVC	20	104 (341.12)	14.2 (46.57) 25 (82)	80 ohms 130 ohms	1.52 (4.98) 0.036 (0.118)	0.500 inches (12.7 mm) 0.475 ± 0.005 in (12.065 ± 0.127 mm)
23129-25-P-00100 100 foot (30.48m)	30 AWG 1/30 AWG BC PVC	25	104 (341.12)	14.2 (46.57) 25 (82)	80 ohms 130 ohms	1.52 (4.98) 0.036 (0.118)	0.625 inches (15.875 mm) 0.600 ± 0.005 in (12.056 ± 0.127mm)
23129-26-P-00100 100 foot (30.48m)	30 AWG 1/30 AWG BC PVC	26	104 (341.12)	14.2 (46.57) 25 (82)	80 ohms 130 ohms	1.52 (4.98) 0.036 (0.118)	0.650 inches (12.7 mm) 0.625 ± 0.005 in (15.875 ± 0.127 mm)
23129-34-P-00100 100 foot (30.48m)	30 AWG 1/30 AWG BC PVC	34	104 (341.12)	14.2 (46.57) 25 (82)	80 ohms 130 ohms	1.52 (4.98) 0.036 (0.118)	0.850 inches (21.590 mm) 0.825 ± 0.005 in (20.955 ± 0.127mm)
23129-40-P-00100 100 foot (30.48m)	30 AWG 1/30 AWG BC PVC	40	104 (341.12)	14.2 (46.57) 25 (82)	80 ohms 130 ohms	1.52 (4.98) 0.036 (0.118)	1.0 inches (25.4 mm) 0.975 ± 0.005 in (24.765 ± 0.127 mm)
23129-50-P-00100 100 foot (30.48m)	30 AWG 1/30 AWG BC PVC	50	104 (341.12)	14.2 (46.57) 25 (82)	80 ohms 130 ohms	1.52 (4.98) 0.036 (0.118)	1.250 inches (31.75 mm) 1.225 ± 0.005 in (31.115 ± 0.127mm)
23129-60-P-00100 100 foot (30.48m)	30 AWG 1/30 AWG BC PVC	60	104 (341.12)	14.2 (46.57) 25 (82)	80 ohms 130 ohms	1.52 (4.98) 0.036 (0.118)	1.500 inches (38.1 mm) 1.475 ± 0.005 in (37.465 ± 0.127 mm)
23129-68-P-00400 400 foot (121.92m)	30 AWG 1/30 AWG BC PVC	68	104 (341.12)	14.2 (46.57) 25 (82)	80 ohms 130 ohms	1.52 (4.98) 0.036 (0.118)	1.700 inches (43.18 mm) 1.675 ± 0.005 in (41.91 ± 0.127mm)
23129-80-P-00400 400 foot (121.92m)	30 AWG 1/30 AWG BC PVC	80	104 (341.12)	14.2 (46.57) 25 (82)	80 ohms 130 ohms	1.52 (4.98) 0.036 (0.118)	2.000 inches (50.8 mm) 1.975 ± 0.005 in (50.165 ± 0.127 mm)
23129-100-P-00100 100 foot (30.48m)	30 AWG 1/30 AWG BC PVC	100	104 104 (341.12)	14.2 (46.57) 25 (82)	80 ohms 130 ohms	1.52 (4.98) 0.036 (0.118)	2.500 inches (63.5 mm) 2.475 ± 0.007 in (62.865 ± 0.127mm)
23113-10-P-00100 100 foot (30.48m)	30 AWG 7/38 AWG TC PVC	10	106 (347.68)	15.8 (51.82) 23.3(76.424)	75ohms 110 ohms	1.62 (5.31) 0.030 (.098)	0.250 inches (6.35 mm) 0.225 ± 0.005 in (5.715 ± 0.127 mm)
23113-16-P-00100 100 foot (30.48m)	30 AWG 7/38 AWG TC PVC	16	106 (347.68)	15.8 (51.82) 23.3(76.424)	75ohms 110 ohms	1.62 (5.31) 0.030 (.098)	0.400 inches (10.16 mm) 0.375 ± 0.005in (9.525 ± 0.127mm)
23113-20-P-00100 100 foot (30.48m)	30 AWG 7/38 AWG TC PVC	20	106 (347.68)	15.8 (51.82) 23.3(76.424)	75ohms 110 ohms	1.62 (5.31) 0.030 (.098)	0.500 inches (12.70 mm) 0.475 ± 0.005 in (12.065 ± 0.127 mm)
23113-26-P-00100 100 foot (30.48m)	30 AWG 7/38 AWG TC PVC	26	106 (347.68)	15.8 (51.82) 23.3(76.424)	75ohms 110 ohms	1.62 (5.31) 0.030 (.098)	0.650 inches (16.51 mm) 0.625 ± 0.005 in (15.875 ± 0.127mm)
23113-30-P-00100 100 foot (30.48m)	30 AWG 7/38 AWG TC PVC	30	106 (347.68)	15.8 (51.82) 23.3(76.424)	75ohms 110 ohms	1.62 (5.31) 0.030 (.098)	0.750 inches (19.05 mm) 0.725 ± 0.005 in (18.415 ± 0.127 mm)
23113-34-P-00100 100 foot (30.48m)	30 AWG 7/38 AWG TC PVC	34	106 (347.68)	15.8 (51.82) 23.3(76.424)	75ohms 110 ohms	1.62 (5.31) 0.030 (.098)	0.850 inches (21.59 mm) 0.825 ± 0.005 in (20.955 ± 0.127mm)
23113-40-P-00100 100 foot (30.48m)	30 AWG 7/38 AWG TC PVC	40	106 (347.68)	15.8 (51.82) 23.3(76.424)	75ohms 110 ohms	1.62 (5.31) 0.030 (.098)	1.000 inches (25.4 mm) 0.975 ± 0.005 in (24.765 ± 0.127mm)
23113-50-P-00100 100 foot (30.48m)	30 AWG 7/38 AWG TC PVC	50	106 (347.68)	15.8 (51.82) 23.3(76.424)	75ohms 110 ohms	1.62 (5.31) 0.030 (.098)	1.250 inches (31.75 mm) 1.225 ± 0.005 in (31.115 ± 0.127mm)
23113-60-P-00100 100 foot (30.48m)	30 AWG 7/38 AWG TC PVC	60	106 (347.68)	15.8 (51.82) 23.3(76.424)	75ohms 110 ohms	1.62 (5.31) 0.030 (.098)	1.500 inches (38.1 mm) 1.475 ± 0.005 in (37.465 ± 0.127 mm)
23113-80-P-00400 400 foot (121.92m)	30 AWG 7/38 AWG TC PVC	80	106 (347.68)	15.8 (51.82) 23.3(76.424)	75ohms 110 ohms	1.62 (5.31) 0.030 (.098)	2.000 inches (50.8 mm) 1.975 ± 0.005 in (50.165 ± 0.127mm)
23113-100-P-00100 100 foot (30.48m)	30 AWG 7/38 AWG TC PVC	100	106 (347.68)	15.8 (51.82) 23.3(76.424)	75ohms 110 ohms	1.62 (5.31) 0.030 (.098)	2.500 inches (63.5 mm) 2.475 ± 0.007 in (62.865 ± 0.127mm)



Other conductor counts available upon request.

