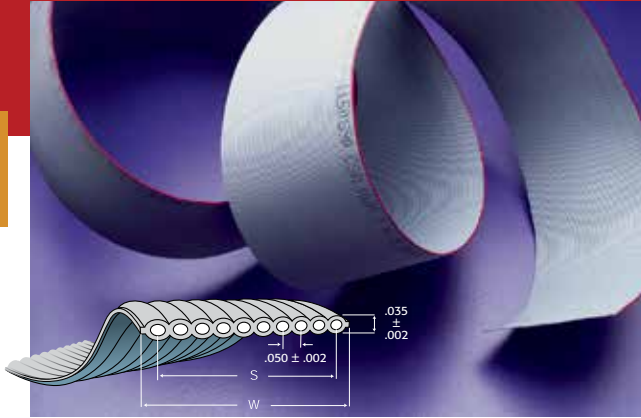


# 0.050 inch ( 1.27 mm ) PVC, Stranded & Hi-Flex 19 Strand

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Return to TOC



UL Style: 2651  
 UL Voltage Rating: 300V  
 UL Temp: 105°C

CSA listing: AWM I A/B FT-1  
 CSA Voltage Rating: 300V  
 CSA Temp: 105°C

*Symmetrical profile offers easy conductor separation (zip) without cable damage and allows reverse plane termination.*

*0.050 inch (1.27mm) pitch for use with today's low cost IDC connectors.*

**APPLICATIONS** For use with manual or high speed automated termination equipment

**PHYSICAL CONSTRUCTION DESCRIPTION** 23100 is extruded gray PVC flat planar cable using 28 AWG (7/36) tinned copper, on 0.050 inch (1.27mm) centers. 23108 is Hi-Flex extruded gray PVC flat planar cable using 28 AWG stranded (19/40) tinned copper, 0.050 inch (1.27 mm) centers. Conductor number one is marked with a red polarity stripe.



Part Number Put-Up	Conductor AWG Stranding/Coating	# of Conductors/Insulation	Conductor Resistance ohms/1000 ft (ohms/Km) @20 deg C	Capacitance Ground-Signal (G-S) pF/ft (pF/m) (G-S-C) 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" Pitch Tolerance ± .002 inches (± .050 mm)
23100-06-P-00500 500 feet (152.4m)	28 AWG 7/36 AWG TC	6 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	0.300 inches (7.62 mm) 0.250 ± 0.006 in (6.35 ± 0.152 mm)
23100-09-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	9 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	0.450 inches (11.43 mm) 0.400 ± 0.006 in (10.16 ± 0.152 mm)
23100-10-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	10 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	0.500 inches (12.7 mm) 0.450 ± 0.006 in (11.43 ± 0.152 mm)
23100-12-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	12 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	0.600 inches (15.24 mm) 0.550 ± 0.006 in (13.97 ± 0.152 mm)
23100-14-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	14 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	0.700 inches (17.78 mm) 0.650 ± 0.006 in (16.51 ± 0.152 mm)
23100-15-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	15 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	0.750 inches (19.05 mm) 0.700 ± 0.006 in (17.78 ± 0.152 mm)
23100-16-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	16 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	0.800 inches (20.32 mm) 0.750 ± 0.008 in (19.05 ± 0.2032 mm)
23100-20-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	20 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	1.000 inches (25.4 mm) 0.950 ± 0.008 in (24.13 ± 0.2032 mm)
23100-24-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	24 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	1.200 inches (30.48 mm) 1.150 ± 0.008 in (29.21 ± 0.2032 mm)
23100-25-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	25 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	1.250 inches (31.75 mm) 1.200 ± 0.008 in (30.48 ± 0.2032 mm)
23100-26-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	26 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	1.300 inches (33.02 mm) 1.250 ± 0.008 in (31.75 ± 0.2032 mm)
23100-30-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	30 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	1.500 inches (38.1 mm) 1.450 ± 0.008 in (36.83 ± 0.2032 mm)
23100-34-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	34 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	1.700 inches (43.18 mm) 1.650 ± 0.010 in (41.91 ± 0.254 mm)
23100-36-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	36 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	1.800 inches (45.72 mm) 1.750 ± 0.010 in (44.45 ± 0.254 mm)
23100-37-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	37 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	1.850 inches (46.99 mm) 1.800 ± 0.010 in (45.72 ± 0.254 mm)
23100-40-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	40 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	2.000 inches (50.8 mm) 1.950 ± 0.010 in (49.53 ± 0.254 mm)
23100-50-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	50 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	2.500 inches (63.5 mm) 2.450 ± 0.011 in (62.23 ± 0.279 mm)
23100-60-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	60 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	3.000 inches (76.2 mm) 2.950 ± 0.011 in (74.93 ± 0.279 mm)
23100-64-P-00100 100 feet (30.48 m)	28 AWG 7/36 AWG TC	64 / PVC	67.5 (221.4)	8.90 (29.19) 14.0 (45.92)	105 ohms 145 ohms	1.40 (4.59) 0.035 (0.114)	3.200 inches (81.28 mm) 3.150 ± 0.011 in (80.01 ± 0.279 mm)
23108-10-P-00100 100 feet (30.48m)	28 AWG 19/40 AWG TC	10 / PVC	63.1 (206.96)	8.36 (27.42) 15.75 (51.66)	101 ohms 142 ohms	2.90 (9.51) 0.050 (0.164)	0.500 inches (12.7 mm) 0.450 ± 0.008 in (11.43 ± 0.203 mm)
23108-20-P-00100 100 feet (30.48 m)	28 AWG 19/40 AWG TC	20 / PVC	63.1 (206.96)	8.36 (27.42) 15.75 (51.66)	101 ohms 142 ohms	2.90 (9.51) 0.050 (0.164)	1.000 inches (25.4 mm) 0.950 ± 0.008 in (24.13 ± 0.203 mm)
23108-26-P-00100 100 feet (30.48 m)	28 AWG 19/40 AWG TC	26 / PVC	63.1 (206.96)	8.36 (27.42) 15.75 (51.66)	101 ohms 142 ohms	2.90 (9.51) 0.050 (0.164)	1.300 inches (33.02 mm) 1.250 ± 0.008 in (31.75 ± 0.203 mm)
23108-34-P-00100 100 feet (30.48 m)	28 AWG 19/40 AWG TC	34 / PVC	63.1 (206.96)	8.36 (27.42) 15.75 (51.66)	101 ohms 142 ohms	2.90 (9.51) 0.050 (0.164)	1.700 inches (43.18 mm) 1.650 ± 0.010 in (41.91 ± 0.254 mm)
23108-40-P-00100 100 feet (30.48 m)	28 AWG 19/40 AWG TC	40 / PVC	63.1 (206.96)	8.36 (27.42) 15.75 (51.66)	101 ohms 142 ohms	2.90 (9.51) 0.050 (0.164)	2.000 inches (50.8 mm) 1.950 ± 0.010 in (49.53 ± 0.254 mm)
23108-50-P-00100 100 feet (30.48 m)	28 AWG 19/40 AWG TC	50 / PVC	63.1 (206.96)	8.36 (27.42) 15.75 (51.66)	101 ohms 142 ohms	2.90 (9.51) 0.050 (0.164)	2.500 inches (63.5 mm) 2.450 ± 0.011 in (62.23 ± 0.279 mm)

Other conductor counts available upon request. Available in tinned overcoat copper (20069), 30 AWG Solid TC (20052), 28 solid TC (23197), and 26 AWG stranded TC (23043). Other Putup lengths possible. Contact factory for details.



0.050 in ( 1.27 mm ) PVC, Stranded & Hi-Flex 19 Strand

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