

Spectra-Zip[®] planar cable

191-2601 series



description

Spectra-Zip cable consists of 26 AWG stranded round conductors insulated with gray PVC on .050" centers to form a planar cable. This cable is designed for mass termination IDC type connectors. A tear feature built into the cable allows easy, uniform breakouts without rupturing the insulation.

Spectra-Zip planar cable offers a balanced combination of economy, reliable performance, weight and space savings, controlled electrical characteristics, and low-cost termination for general-purpose interconnection in electronic products from calculators and automobiles to computers and switching networks.

benefits

- Economical with reliable performance.
- Cost-effective IDC termination.
- Tear feature allows easy, uniform breakouts without rupturing the insulation.

characteristics

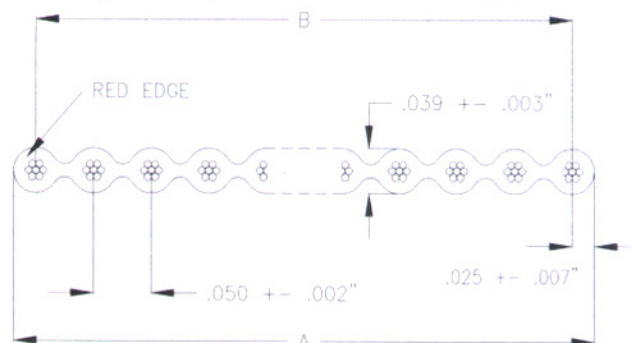
Physical

Conductors: 26 AWG 7/34 strand, tinned copper
Insulation: Extruded PVC, .010" wall
Color: Gray, one edge red
Conductor Spacing: .050 ±.002"
Cable Thickness: .039 ±.003"
Temperature Rating: -20° to 105° C (-4° to 22°F)

Electrical

Voltage Rating: 300 volts per UL style
Current Rating: 1.5 amps nominal at 10° rise above ambient.
Impedance: 92 ohms
Capacitance: 16.5 pF/ft @ 1.0 MHz
Inductance: .15 µH/ft @ 1.0 MHz
Propagation Delay: 1.5 ns/ft
Insulation Resistance: 10¹⁰ ohms - 10 ft., min
Cross Talk: 10 ft sample, 5 ns rise time, 2 lines driven, near end- 3.5% max; far-end 5.0% max

UL Style #2651, meets VW-1 CSA AWM FT-1



PART #	# COND	WIDTH A (nominal)		SPAN B	
		INCHES	(mm)	INCHES	(mm)
191-2601-110	10	0.500	(12,70)	0.450 ±0.007	(11,43 ±0,18)
191-2601-114	14	0.700	(17,78)	0.650 ±0.007	(16,51 ±0,18)
191-2601-116	16	0.800	(20,32)	0.750 ±0.011	(19,05 ±0,28)
191-2601-120	20	1.000	(25,40)	0.950 ±0.011	(24,13 ±0,28)
191-2601-125	25	1.250	(31,75)	1.200 ±0.011	(30,48 ±0,28)
191-2601-126	26	1.300	(33,02)	1.250 ±0.011	(31,75 ±0,28)
191-2601-134	34	1.700	(43,18)	1.650 ±0.011	(41,91 ±0,28)
191-2601-137	37	1.850	(46,99)	1.800 ±0.015	(45,72 ±0,38)
191-2601-140	40	2.000	(50,80)	1.950 ±0.015	(49,53 ±0,38)
*191-2601-150	50	2.500	(63,50)	2.450 ±0.015	(62,23 ±0,38)
191-2601-160	60	3.000	(76,20)	2.950 ±0.015	(74,93 ±0,38)
191-2601-164	64	3.200	(81,28)	3.150 ±0.015	(80,01 ±0,38)

* Used for Fast 20 SCSI, 8 bit narrow applications