

# 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

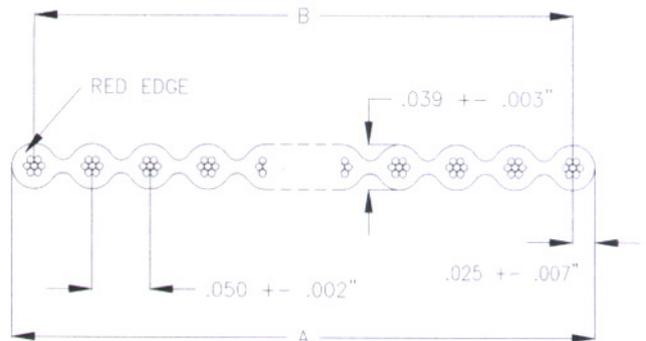
#### Physical

*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:* 10<sup>10</sup> 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 ±.007	(11,43 ±.18)
191-2601-114	14	0.700	(17,78)	0.650 ±.007	(16,51 ±.18)
191-2601-116	16	0.800	(20,32)	0.750 ±.011	(19,05 ±.28)
191-2601-120	20	1.000	(25,40)	0.950 ±.011	(24,13 ±.28)
191-2601-125	25	1.250	(31,75)	1.200 ±.011	(30,48 ±.28)
191-2601-126	26	1.300	(33,02)	1.250 ±.011	(31,75 ±.28)
191-2601-134	34	1.700	(43,18)	1.650 ±.011	(41,91 ±.28)
191-2601-137	37	1.850	(46,99)	1.800 ±.015	(45,72 ±.38)
191-2601-140	40	2.000	(50,80)	1.950 ±.015	(49,53 ±.38)
<b>*191-2601-150</b>	<b>50</b>	<b>2.500</b>	<b>(63,50)</b>	<b>2.450 ±.015</b>	<b>(62,23 ±.38)</b>
191-2601-160	60	3.000	(76,20)	2.950 ±.015	(74,93 ±.38)
191-2601-164	64	3.200	(81,28)	3.150 ±.015	(80,01 ±.38)

\* Used for Fast 20 SCSI, 8 bit narrow applications