

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

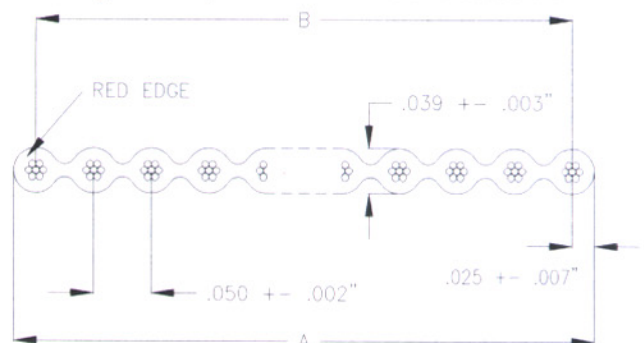
Physical

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

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