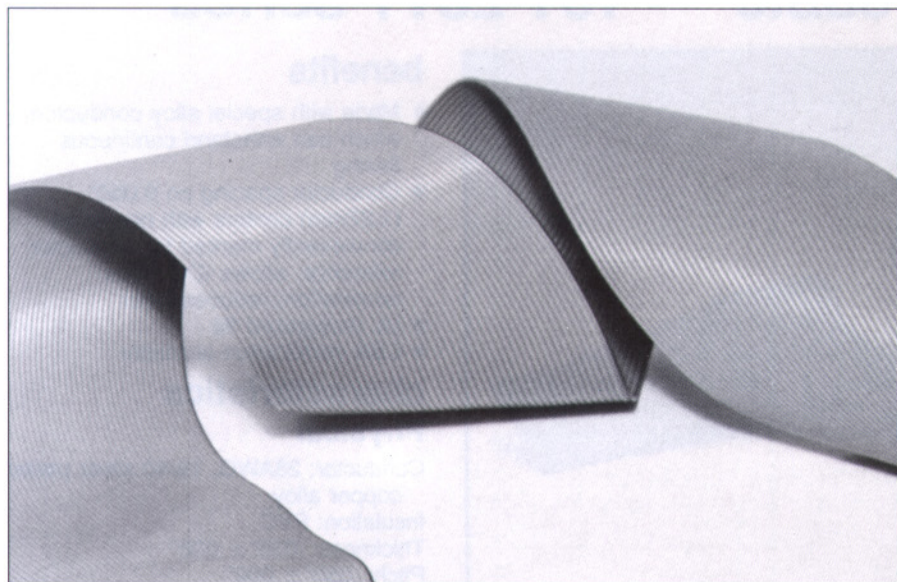


Spectra-Zip® 1,00 mm planar cable

191-2815 series



description

Spectra-Zip 1,00 mm cable is designed for use with 2,00 mm hard metric mass terminable IDC connectors...a standardized utility connector widely used by disk drive and other manufacturers concerned with effective utilization of available board real estate. This cable is reliable and economical, with controlled electrical characteristics. Spectra-Zip 1,00 mm cable consists of stranded round conductors insulated with extruded PVC. Packaged in 100-foot put-ups.

benefits

- High density center-to-center spacing
- Easy, fast termination to 2,00 mm hard metric IDC connectors
- Easy identification of # 1 conductor with blue edge mark
- Double contour allows termination from either side of cable
- Tear feature allows easy conductor separation for circuit routing without rupturing insulation
- UL and CSA

order information

PART #	# COND	WIDTH A		SPAN B	
		mm	inches	mm	inches
191-2815-010	10	9,89	.3897	8,99±0,20	.3543±.0079
191-2815-014	14	13,89	.5472	12,99±0,20	.5118±.0079
191-2815-016	16	15,90	.6260	15,00±0,20	.5906±.0079
191-2815-020	20	19,89	.7834	18,99±0,20	.7480±.0079
191-2815-024	24	23,89	.9409	22,99±0,20	.9055±.0079
191-2815-026	26	25,90	1.0197	25,00±0,20	.9843±.0079
191-2815-034	34	33,89	1.3346	32,99±0,30	1.2992±.0118
191-2815-040	40	39,89	1.5708	38,99±0,30	1.5354±.0118
191-2815-044	44	43,89	1.7283	42,99±0,30	1.6929±.0118
191-2815-050	50	49,89	1.9645	48,99±0,30	1.9291±.0118
191-2815-060	60	59,89	2.3582	58,99±0,30	2.3228±.0118
191-2815-064	64	63,89	2.5157	62,99±0,35	2.4803±.0138
191-2815-068	68	67,89	2.6724	66,99±0,35	2.6378±.0138
191-2815-075	75	74,89	2.9475	73,99±0,35	2.9134±.0138

characteristics

physical

Conductors: 28 AWG, 7/36 strand, tinned copper
Insulation: .010" wall extruded, PVC, flame retardant VW-1
Thickness: $0,9 \pm 0,08$ mm (.0354" $\pm$.0031")
Pitch: $1,0 \pm 0,08$ mm (.0394" $\pm$.0031") centers
Color: gray (one blue edge)
Temperature rating: -20°C to +105°C

electrical

Voltage: 300 V
Current rating: 1 amp nominal @ 10°C above ambient
Impedance: 83 ohms nominal
Capacitance: 60,0 pf/m (18.3 pf/ft) nominal @ 1.0 MHz
Inductance: 0,50 μ h/m (.15 μ h/ft) nominal @ 1.0 MHz
Propagation delay: 5.2 ns/m (1.58 ns/ft) nominal
Insulation resistance: 10^{10} ohms - 3 m (10') min.
Unbalanced crosstalk: 3 m (10') sample, 5 ns rise time with 2 lines driven, near end = 3.1% nominal, far end = 4.0% nominal
Mode: ground-signal-ground

UL: recognized, AWM 2651, meets VW-1
CSA: certified, class I group A, FT-1

