Gray Ribbon 9L260XX Series

.050″ Pitch, 26 AWG, PVC

Product Description

Belden's (9L260XX series) .050″ pitch extruded gray ribbon cable was designed for general purpose electronic interconnect applications where higher current carrying capacities are required. The design also conforms to the electrical performance specifications outlined by the SCSI-3 parallel interface document. As with the 9L280XX series, the cable provides reliable mass-termination to standard .100″ contact IDC connectors, flexibility, consistent electricals and breakouts can be made easily with the tear feature design. In addition, the overall cable thickness is only .038″ ± .002″ allowing mateability with all standard IDC connectors. The cable is constructed of stranded 26 AWG (7x34) tinned copper conductors. Insulation material consists of Gray PVC, with a Blue polarity stripe for proper circuit alignment. Various conductor counts are standard; other sizes are available upon request. The cable is UL approved and CSA certified, and passes the VW-1 Vertical Wire Flame Test.

Color Code: Gray with Blue polarity stripe (standard).

Application: Internal interconnection or internal wiring of electronic equipment.

Physical Specifications

Conductor	26 AWG (7x34) Tinned Copper
Insulation	.010″ Nom. Wall Gray PVC
Pitch	.050″ ± .002″
Temperature Rating	-40 to +105°C
Flammability Rating	UL: VW-1; CSA: FT1
UL Approval	File #E12683, Style 2651
CSA Approval	File #LL7874, CSA AWM I A 105°C 300V FT1
Packaging	H100, H300, R300

Electrical Specifications

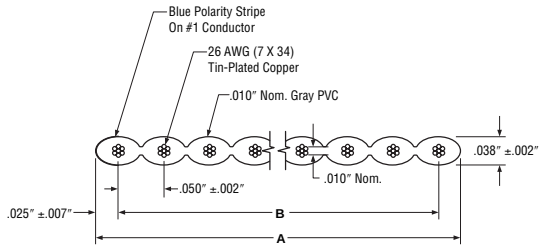
Voltage Rating	300V RMS
Current Rating	1.5A
Conductor Resistance	43Ω/1000 ft.
Insulation Resistance	>1 x 10^{10}Ω • 10 ft. (3m)
Impedance*	90Ω
Capacitance* (@ 1 MHz)	18 pF/ft. (59.06 pF/m)
Inductance* (@ 1 MHz)	.15 µH/ft. (.49 µH/m)
Propagation Delay*	1.48 ns/ft. (4.85 ns/m)

*Test Configuration: G-S-G (ground-signal-ground).

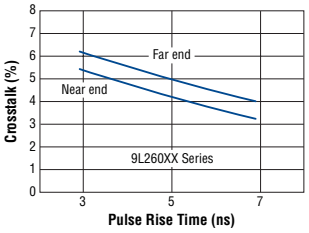
Part No. Standard [UL & CSA]	No. of Cond.	Dimensions			
		Width "A"		Span "B"	
		Inch	mm	Inch	mm
9L26010	10	.50 ±.008	12.70 ±.20	.45 ±.008	11.43 ±.20
9L26014††	14	.70 ±.008	17.78 ±.20	.65 ±.008	16.51 ±.20
9L26016**	16	.80 ±.008	20.32 ±.20	.75 ±.008	19.05 ±.20
9L26020††	20	1.0 ±.008	25.40 ±.20	.95 ±.008	24.13 ±.20
9L26025**	25	1.25 ±.008	31.75 ±.20	1.20 ±.008	30.48 ±.20
9L26026††	26	1.30 ±.008	33.02 ±.20	1.25 ±.008	31.75 ±.20
9L26034**	34	1.70 ±.008	43.18 ±.20	1.65 ±.008	41.91 ±.20
9L26040†	40	2.00 ±.012	50.80 ±.30	1.95 ±.012	49.53 ±.30
9L26068**	68	3.40 ±.012	86.36 ±.30	3.35 ±.012	85.09 ±.30

**Available in H100 packaging only.
† Not available in H300 packaging.
†† Not available in R300 packaging.

Dimensions



Unbalanced Crosstalk*



Attenuation*