

Part Number: 9L28026

Flat Gray Ribbon Cable 9L280XX Series, #28-26c, .050" Pitch, PVC Jkt

Product Description

Belden .050" pitch gray ribbon cable was designed for general purpose electronic interconnect applications. The cable provides reliable mass-termination to standard IDC connectors.

Product Specifications

AG.Filter Attributes

Total Number of Conductors:	26
-----------------------------	----

CCB-Sub-Part Number

Print Legend:	BELDENT 28 AWG CSA AWM I A 105°C 300 V FT1 LL7874 (UL LOGO) AWM STYLE 2651 VW-1 E12683
---------------	---

Insulation

Cond Spacing Center-Center:	.050 +/- .002 mm
Cond Spacing Center-Center Outside:	1.25 +/- .008 mm

OuterJacket1

OuterJacket1, Nominal Width:	1.30 +/- .008 mm
------------------------------	------------------

Technical Specifications

AG_0401

UL Flammability:	UL1581 VW-1
CSA Flammability:	FT1

APAC Standard

MII Order #39 (China RoHS):	Yes
-----------------------------	-----

Applicable Patents

Patent:	http://www.belden.com/p
---------	---

Bend Radius

Min Bend Radius/Minor Axis:	3 in
-----------------------------	------

CCB-Sub-Part Number

Plenum (Y/N):	No
---------------	----

Contact Information

PHONE_NUM:	1-800-Belden1
------------	---------------

EU Directive

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-07-01

North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
CSA Rating:	105°C, 300 V RMS, FT 1
CSA AWM Specification:	AWM I A 105°C 300V FT1
UL AWM Style:	2651
UL Rating:	105°C, 300 V RMS, VW-1

Unused Attributes

Notes:	GS=Ground-Signal Mode; GSG=Ground-Signal-Ground Mode
--------	--

Impedance:

Nominal Characteristic Impedance	Nominal Characteristic Impedance Description
150 Ohm	(GS)
105 Ohm	(GSG)

Inductance:

Element	Nominal Inductance
@ 1 MHz (GS)	0.29 μ H/ft
@ 1 MHz (GSG)	0.2 μ H/ft

Conductor DCR:

Nominal Conductor DCR
68.2 OHMS/1000 FT. MAX. Ohm/1000ft

Color Chart 1:

Number
3

Delay:

Max. Delay Skew	Nominal Delay	Nominal Velocity of Propagation (VP) [%]
72 ns/100m	1.4 ns/ft	72 %

Voltage:

Dielectric Withstand Voltage	UL Voltage Rating
2000 V RMS	300V RMS V

Unbalanced Crosstalk:

Element	Typical Unbalanced NEXT %	Typical Unbalanced FEXT %	Typical Cross Talk Pulse Rise Time (ns)
10 ft. sample length		4.8 MHz	7 MHz
10 ft. sample length		3.5 MHz	4.7 MHz
10 ft. sample length		3 MHz	3 MHz

Current:

Max. Recommended Current [A]
1 Amps per conductor @20°C A

High Freq:

Frequency [MHz]
10 MHz
20 MHz
30 MHz
40 MHz

50 MHz
60 MHz
70 MHz
80 MHz
90 MHz
100 MHz

Capacitance:

Element	Nom. Capacitance Conductor to Conductor
@ 1 kHz (GSG)	18 pF/ft
@ 1 MHz (GS)	10 pF/ft
@ 1 MHz (GSG)	15 pF/ft

High Frequency (Nominal/Typical):

Frequency [MHz]	Nom. Insertion Loss
10 MHz	2.8 dB/100m
20 MHz	4.8 dB/100m
30 MHz	6.5 dB/100m
40 MHz	8.3 dB/100m
50 MHz	9.8 dB/100m
60 MHz	12 dB/100m
70 MHz	13 dB/100m
80 MHz	14 dB/100m
90 MHz	15.8 dB/100m
100 MHz	17 dB/100m

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.01 in

Outerjacket 1:

Nominal Wall Thickness
0.035 in

Conductor:

AWG	Stranding	Material	No. of Conductors	No. of Pairs
28	7x36	TC - Tinned Copper		26
				3

Outersheild 1:

Material

Unshielded

Product Variants

Part Number	Color	Put-Up Type	Length
9L28026			
9L28026	GRAY	Coil	30 m
9L28026 008H100	GRAY	Coil	100 ft
9L28026			

© 2017 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.