

1	2.1 dB/100m	75.3	72.3	73.2	70.2	70	67	20	40	35
4	3.8 dB/100m	66.3	63.3	62.4	59.4	58	55	23	34	23
10	6 dB/100m	60.3	57.3	54.3	51.3	50	47	25	30	15
16	7.6 dB/100m	57.2	54.2	49.6	46.6	45.9	42.9	25	28	10.9
20	8.5 dB/100m	55.8	52.8	47.3	44.3	44	41	25	27	9
31.2	10.7 dB/100m	52.9	49.9	42.1	39.1	40.1	37.1	23.6	25.1	5.1
62.5	15.5 dB/100m	48.4	45.4	32.9	29.9	34.1	31.1	21.5	22	
100	19.9 dB/100m	45.3	42.3	25.4	22.4	30	27	20.1	20	
155	25.3 dB/100m	42.4	39.4	17.1	14.1	26.2	23.2	18.8	18.1	
200	29.1 dB/100m	40.8	37.8	11.6	8.6	24	21	18	17	
250	33 dB/100m	39.3	36.3	6.3	3.3	22	19	17.3	16	

Table Notes: Limits below 4 MHz are for information only. Reference standard: IEC 61156-5

Transfer Impedance

Frequency	Max. Transfer Impedance
1 Mhz	Max. 50 mOhm/m
10 Mhz	Max. 100 mOhm/m
30 Mhz	Max. 200 mOhm/m
100 Mhz	Max. 1000 mOhm/m

Transfer Impedance Class: Grade 2

Screening Class: Type II

Table Notes: Coupling Attenuation

Voltage

Voltage Rating
72 V DC

Mechanical Characteristics

Temperature

Operating	Installation
-30°C to +60°C	0°C To +50°C

Bend Radius

Stationary Min.	Installation Min.
29 mm (1.1 in)	58 mm

Max. Pull Tension: 80 N (18 lbf)

Bulk Cable Weight: 50 kg/km

Standards and Compliance

Environmental Suitability:	Indoor - Euroclass Eca
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
IEEE Compliance:	PoE: IEEE 802.3bt Type 1, Type 2, Type 3, Type 4
Data Category:	Category 6
TIA/EIA Compliance:	ANSI/TIA 568.2-D
ISO/IEC Compliance:	ISO/IEC 11801-1, IEC 61034-2 - Smoke Density Min Transmittance = 60%
CENELEC Compliance:	EN 50173-1, Segregation class according EN50174-2 = c
European Halogen Free Standards:	IEC 62821-1 Halogen Free Compliance = Yes, IEC 60754-1 - Halogen Amount = Zero, IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity = 2.5 µS/mm, IEC 60754-2 - Halogen Acid Gas Amount - Min. pH = 4.3
European Directive Compliance:	EU CE Mark

Product Notes

Notes: Electrical values are expected performance based on cable testing and representative performance within a typical Belden system.

History

Update and Revision: Revision Number: 0.398 Revision Date: 04-12-2022

Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
7860ENH.03500	Black	Reel	500 m	8719605016515
7860ENH.K1305	Blue	Reel	305 m	8719605167859
7860ENH.01500	Blue	Reel	500 m	8719605016485
7860ENH.011000	Blue	Reel	1,000 m	8719605016478
7860ENH.00B100	Gray, RAL 7032	Flat Box	100 m	8719605016461
7860ENH.00305	Gray, RAL 7032	Reel	305 m	8719605016447
7860ENH.00500	Gray, RAL 7032	Reel	500 m	8719605016454
7860ENH.001000	Gray, RAL 7032	Reel	1,000 m	8719605016416
7860ENH.002000	Gray, RAL 7032	Reel	2,000 m	8719605016423
7860ENH.002100	Gray, RAL 7032	Reel	2,100 m	8719605016430
7860ENH.02500	Purple	Reel	500 m	8719605016508
7860ENH.04500	Yellow	Reel	500 m	8719605016522

© 2022 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 here in 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 "ASIS" 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Ethernet Cables / Networking Cables](#) category:

Click to view products by [Belden](#) manufacturer:

Other Similar products are found below :

[73-7795-1](#) [MCJB2-10P6Q7-120](#) [84909-0204](#) [1200700174](#) [1200860368](#) [E16A06002M030](#) [E200102-009-S1](#) [AX105346-EW](#) [MT14-187L](#)
[MWDM2L-51GS-6J1-2.82B](#) [ERWPAB3002M005](#) [190-038045-01](#) [NK5EPC1GRY](#) [NK5EPC4Y](#) [1969343-6](#) [ICD056GVP163D-C0](#)
[C5UMB3FBG](#) [C631208025](#) [C631208035](#) [C6F1106015](#) [2142758-2](#) [2168427-2](#) [21949-1](#) [2J1866A](#) [RJF SFTP 5E 0500](#) [AX100351](#)
[UTPCH14GY](#) [45-5684](#) [09459711142](#) [100345-1301](#) [MWDM2L-25P-8K1-.500B](#) [MWDM6L-31S-6C4-.375H](#) [73-7793-1](#) [74764-1101](#)
[WHU18-3636-048](#) [RJF2SA2G05100BTX](#) [1R4000A39M030](#) [UTPSP6GY](#) [UTPSP2GY](#) [UTPSP10GY](#) [UTPCH5GY](#) [UTP28SP15M](#)
[UTP28CH100OR](#) [74764-2301](#) [E66A06002M020](#) [NPC-5E-010-GY](#) [SAC-5P-MS/ 1.0-920/FS SCO AR](#) [1-3636-601-5211](#) [1-3636-600-5212](#) [1-3636-461-5208](#)