



Product: [1592A](#) 

Category 5e Patch Cable, 4 Pair, U/UTP, CM

Product Description

Category 5e Premise Patch Cable (200MHz), 4 Pair, 24 AWG Stranded (7x32) Bare Copper Conductors, U/UTP, CM, PVC Jacket

Technical Specifications

Product Overview

Suitable Applications:	Premise Patch Cable, Ethernet 1000BASE-T, Ethernet 100BASE-TX, Ethernet 10BASE-T, PoE++, PoE+, PoE
------------------------	--

Construction Details

Conductor

Size	Stranding	Material	No. of Pairs
24 AWG	7x32	BC - Bare Copper	4

Insulation

Material	Color Code
PO - Polyolefin	White/Blue Stripe & Blue, White/Orange Stripe & Orange, White/Green Stripe & Green, White/Brown Stripe & Brown

Outer Jacket

Material	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.213 in (5.41 mm)	No

Overall Cable Diameter (Nominal):	0.213 in (5.41 mm)
-----------------------------------	--------------------

Electrical Characteristics

Electricals

Max. Conductor DCR	Max. Capacitance Unbalance
93.8 Ohm/km (28.6 Ohm/1000ft)	330 pF/100m

Delay

Frequency	Max. Delay	Max. Delay Skew	Nom. Velocity of Prop.	Typical Delay Skew
100 MHz	537.6 ns/100m	45 ns/100m	69%	37 ns/100m

High Frequency

Frequency [MHz]	Max. Insertion Loss (Attenuation)	Min. NEXT [dB]	Min. PSNEXT [dB]	Min. ACRF (ELFEXT) [dB]	Min. PSACRF (PSELFEXT) [dB]	Min. RL (Return Loss) [dB]	Max./Min. Input Impedance (unFitted) [Ohm]	Max./Min. Fitted Impedance [Ohm]
1	2.4 dB/100m	65.3	62.3	63.8	60.8	20.0	100 ± 15	100 ± 15
4	4.9 dB/100m	56.3	53.3	51.7	48.7	23.0	100 ± 15	100 ± 15
8	6.9 dB/100m	51.8	48.8	45.7	42.7	24.5	100 ± 15	100 ± 15
10	7.8 dB/100m	50.3	47.3	43.8	40.8	25.0	100 ± 15	100 ± 15
16	9.9 dB/100m	47.3	44.2	39.7	36.7	25.0	100 ± 15	100 ± 15
20	11.1 dB/100m	45.8	42.8	37.7	34.7	25.0	100 ± 15	100 ± 15
25	12.5 dB/100m	44.3	41.3	35.8	32.8	24.3	100 ± 15	100 ± 15
31.25	14.1 dB/100m	42.9	39.9	33.9	30.9	23.6	100 ± 15	100 ± 15
62.5	20.4 dB/100m	38.4	35.4	27.8	24.8	21.5	100 ± 15	100 ± 15
100	26.4 dB/100m	35.3	32.3	23.8	20.8	20.1	100 ± 15	100 ± 15
155	33.7 dB/100m	32.5	29.4	19.9	16.9	15.8	100 ± 25	100 ± 15

200	38.9 dB/100m	30.8	27.8	17.7	14.7	15.0	100 ± 25	100 ± 15
-----	--------------	------	------	------	------	------	----------	----------

Voltage

UL Voltage Rating
300 V (CM)

Mechanical Characteristics

Temperature

UL Temperature	Operating	Installation	Storage
75°C	-20°C To +75°C	0°C To +50°C	-20°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
1.0 in (25 mm)	2.25 in (57.2 mm)

Max. Pull Tension:	25 lbs (11 kg)
Bulk Cable Weight:	22 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Sustainability:	Product Lens™, Environmental Product Declaration (EPD) Available
Flammability / Reaction to Fire:	UL 1685 (UL Loading-Limited Smoke)
NEC / UL Compliance:	Article 800, CM
CEC / C(UL) Compliance:	CM
ICEA Compliance:	S-90-661
IEEE Compliance:	IEEE 802.3bt Type 1, Type 2, Type 3
NEMA Compliance:	NEMA WC-63.1
Data Category:	Category 5e
TIA/EIA Compliance:	ANSI/TIA-568.2-D Category 5e
Third Party Performance Verification:	Category 5e Patch
ISO/IEC Compliance:	ISO/IEC 11801-1, IEC 61156-6
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE), REACH: 2020-01-16
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	Electrical values are expected performance based on cable testing and representative performance within a typical Belden system. Print Includes Descending Footage Markings.
--------	--

History

Update and Revision:	Revision Number: 0.553 Revision Date: 02-20-2026
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1592A 0101000	Black	Reel	1,000 ft	612825118749	C
1592A 010U1000	Black	UnReel	1,000 ft	612825118732	
1592A 0061000	Blue	Reel	1,000 ft	612825118688	C
1592A 006U1000	Blue	UnReel	1,000 ft	612825118671	
1592A F2V1000	Gray	Reel	1,000 ft	612825118589	
1592A F2VU1000	Gray	UnReel	1,000 ft	612825118572	
1592A 0051000	Green	Reel	1,000 ft	612825118664	C
1592A 005U1000	Green	UnReel	1,000 ft	612825118657	
1592A 0031000	Orange	Reel	1,000 ft	612825118626	C
1592A 003U1000	Orange	UnReel	1,000 ft	612825118619	
1592A 0071000	Purple	Reel	1,000 ft	612825118701	C
1592A 007U1000	Purple	UnReel	1,000 ft	612825118695	
1592A 0021000	Red	Reel	1,000 ft	612825118602	C
1592A 002U1000	Red	UnReel	1,000 ft	612825118596	
1592A 0091000	White	Reel	1,000 ft	612825118725	C
1592A 009U1000	White	UnReel	1,000 ft	612825118718	

1592A 0041000	Yellow	Reel	1,000 ft	612825118640	
1592A 004U1000	Yellow	UnReel	1,000 ft	612825118633	

Footnote:	C - CRATE REEL PUT-UP.
-----------	------------------------

© 2026 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.