



Product: [1875GB](#) 

Life Cycle Status: Discontinued

CAT6+ Patch Bonded-Pair, 4pr, UTP, PVC Jkt, CMR

Product Description

CAT6+ (350MHz), 4-Bonded-pairs, U/UTP-unshielded, Riser-CMR, Premise Patch cable, 24 AWG Bonded stranded (7x32) tinned copper conductor, polyolefin insulation, PVC jacket

Technical Specifications

Product Overview

Suitable Applications:	Premise Patch Cable Designed for Attenuation Stability in High Humidity Environments, Gigabit Ethernet, 100BaseTX, 100BaseVG ANYLAN, 155ATM, 622ATM, NTSC/PAL Component or Composite Video, AES/EBU, Digital Video, RS-422, Noisy Environments, For T568-B Wiring
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Product Life Cycle

Life Cycle:	Discontinued - the product is no longer manufactured
Discontinuation Announcement Date:	1999-09-07

Construction Details

Conductor

Size	Stranding	Material	No. of Pairs
24	7x32	TC - Tinned Copper	4

Insulation

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

Bonded-Pair:	Yes
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Outer Jacket

Material	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.365 x 0.165 in	No

Electrical Characteristics

Electricals

Max. Conductor DCR	Max. Capacitance Unbalance
90 Ohm/km (27 Ohm/1000ft)	49.2 pF/100m

Delay

Frequency	Max. Delay	Max. Delay Skew	Nom. Velocity of Prop.
100 MHz	537.6 ns/100m	25 ns/100m	70%

High Frequency

Frequency [MHz]	Max. Insertion Loss (Attenuation) [dB/100m]	Min. NEXT [dB]	Min. PSNEXT [dB]	Min. ACR [dB]	Min. PSACR [dB]	Min. ACRF (ELFEXT) [dB]	Min. PSACRF (PSELFEXT) [dB]	Min. RL (Return Loss) [dB]	Max./Min. Input Impedance (unFitted)	Max./Min. Fitted Impedance
1	2.0	74.3	72.3	70.3	70.3	67.8	64.8	20.0	100 ± 12 Ohm	100 ± 15 Ohm
4	4.1	65.3	63.3	59.2	59.2	55.7	52.8	23.0	100 ± 12 Ohm	100 ± 15 Ohm
8	5.8	60.3	58.8	53.0	53.0	49.7	46.7	24.5	100 ± 12 Ohm	100 ± 15 Ohm
10	6.5	59.3	57.3	51.0	51.0	47.8	44.8	25.0	100 ± 12 Ohm	100 ± 15 Ohm
16	8.2	56.3	54.3	46.0	46.0	43.7	40.7	25.0	100 ± 12 Ohm	100 ± 8 Ohm

20	9.3	54.8	52.8	43.5	43.5	41.7	38.7	25.0	100 ± 12 Ohm	100 ± 8 Ohm
25	10.4	53.4	51.4	41.0	42.0	39.8	36.8	24.3	100 ± 15 Ohm	100 ± 8 Ohm
31.25	11.7	51.9	49.9	38.2	38.2	37.9	34.9	23.6	100 ± 15 Ohm	100 ± 8 Ohm
62.5	17.0	47.4	45.4	28.4	28.4	31.8	28.9	21.5	100 ± 15 Ohm	100 ± 8 Ohm
100	22.0	44.3	42.3	25.0	25.0	27.8	24.8	21.0	100 ± 15 Ohm	100 ± 8 Ohm
155	30.2	41.5	39.5	14.0	14.0	23.9	20.9	21.0	100 ± 15 Ohm	100 ± 8 Ohm
200	34.8	39.8	37.8	10.0	10.0	21.7	18.8	21.0	100 ± 15 Ohm	100 ± 8 Ohm
250	39.6	38.3	36.3	3.0	3.0	19.8	16.8	18.0	100 ± 20 Ohm	100 ± 8 Ohm
300	46.7	37.2	35.2			18.2	15.2	18.0	100 ± 20 Ohm	100 ± 8 Ohm
310	47.6	36.9	34.9			17.9	14.9	18.0	100 ± 20 Ohm	100 ± 8 Ohm
350	51.1	36.2	34.2			16.9	13.9	17.0	100 ± 22 Ohm	100 ± 8 Ohm
400	55.3	35.3	33.3			15.7	12.7	14.0	100 ± 32 Ohm	100 ± 8 Ohm
500	63.3	33.8	31.8			13.8	10.8	14.0	100 ± 32 Ohm	100 ± 8 Ohm

Voltage

UL Voltage Rating
300 V RMS

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.
0.5 in (13 mm)	3.75 in (95.3 mm)

Max. Pull Tension:	40 lbs (18 kg)
Bulk Cable Weight:	28 lbs/1000ft (42 kg/km)

Standards and Compliance

Environmental Suitability:	Riser, Indoor
Sustainability:	Product Lens™, Environmental Product Declaration (EPD) Available
Flammability / Reaction to Fire:	UL 1666 Riser, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	CMR
CEC / C(UL) Compliance:	CMR.
IEEE Compliance:	IEEE 802.3bt Type 1, Type 2, Type 3, Type 4
Data Category:	Category 6
TIA/EIA Compliance:	ANSI/TIA-568-C.2 Category 6 Patch
Third Party Performance Verification:	Category 6 Patch
ISO/IEC Compliance:	11801 ed 2.2 (2011) Class E Patch
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE), REACH: 2017-07-10
UK Regulation Compliance:	UKCA Mark
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. Values above 350 MHz are information only. Print Includes Descending Footage Markings. Conductor strands are bonded together.
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History

Update and Revision:	Revision Number: 0.534 Revision Date: 07-30-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1875GB 0101000	Black	Reel	1,000 ft	612825125754	C
1875GB 0061000	Blue	Reel	1,000 ft	612825125723	C
1875GB 006A1000	Blue	Reel-in-Box	1,000 ft	612825125716	

1875GB F2V1000	Gray	Reel	1,000 ft	612825125662	
1875GB F6H1000	Gray	Reel	1,000 ft	612825125679	C
1875GB 0051000	Green	Reel	1,000 ft	612825125709	
1875GB 005A1000	Green	Reel-in-Box	1,000 ft	612825125693	
1875GB 007A1000	Purple	Reel-in-Box	1,000 ft	612825125730	
1875GB 0091000	White	Reel	1,000 ft	612825125747	
1875GB 0041000	Yellow	Reel	1,000 ft	612825125686	C

Footnote:	C - CRATE REEL PUT-UP.
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