



Product: [1245A2](#) 

Life Cycle Status: Discontinued

CAT3 Horizontal, 4pr, UTP, LS-PVC Jkt, CMP

Product Description

CAT3, 4-Pair, U/UTP-unshielded, Plenum-CMP, Premise Horizontal cable, 24 AWG solid bare copper conductors, LS-PVC insulation, LS-PVC jacket

Technical Specifications

Product Overview

Suitable Applications:	802.3 10BaseT, 100BaseT4
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Product Life Cycle

Life Cycle:	Discontinued - the product is no longer manufactured
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Construction Details

Conductor

Size	Stranding	Material	No. of Pairs
24	Solid	BC - Bare Copper	4

Insulation

Material	Color Code
PVC - Polyvinyl Chloride	White/Blue Stripe & Blue, White/Orange Stripe & Orange, White/Green Stripe & Green, White/Brown Stripe & Brown

Outer Jacket

Material	Material Trade Name	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	Flamarrest®	0.157 in (3.99 mm)	No

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.
100 MHz	537.6 ns/100m	45 ns/100m	61%

High Frequency

Frequency [MHz]	Max. Insertion Loss (Attenuation) [dB/100m]	Min. NEXT [dB]	Min. SRL (Structural Return Loss) [dB]	Max./Min. Fitted Impedance
1	2.6	41.0	12.0	100 ± 15 Ohm
4	5.6	32.0	12.0	100 ± 15 Ohm
8	8.5	27.0	12.0	100 ± 15 Ohm
10	9.7	26.0	12.0	100 ± 15 Ohm
16	13.1	23.0	10.0	100 ± 15 Ohm

Voltage

UL Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating	Installation	Storage
60°C	-20°C To +60°C	0°C To +50°C	-20°C To +60°C

Bend Radius

Stationary Min.	Installation Min.
2.25 in (57.2 mm)	4.75 in (121 mm)

Max. Pull Tension:	25 lbs (11 kg)
Bulk Cable Weight:	18 lbs/1000ft (27 kg/km)

Standards and Compliance

Environmental Suitability:	Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 Plenum (UL 910)
NEC / UL Compliance:	CMP
CEC / C(UL) Compliance:	CMP
Data Category:	Category 3
TIA/EIA Compliance:	ANSI/TIA-568-C.2 Category 3
Third Party Performance Verification:	Category 3
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
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	1229A1

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.
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History

Update and Revision:	Revision Number: 0.656 Revision Date: 06-29-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
1245A2 009U1000	White	UnReel	1,000 ft	612825109761

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