



Product: [YJ72873B1](#) 

Category 3-UTP 50Pair 26AWG , GB 31247 B1 Rating

Product Description

Category 3-UTP 50Pair 26AWG , GB 31247 B1 Rating

Technical Specifications

Product Overview

Suitable Applications:	Premise Backbone Cable, Ethernet 10BASE-T, Analog Phone, FAX
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Construction Details

Conductor

Element	Size	Stranding	No. of Pairs
Pair(s)	26 AWG	Solid	50

Insulation

Material	Color Code
PE - Polyethylene	Western Electric Bound in (12P +13P) X 2 Pair Sub-Units, Binder 1: Blue, Binder 2: Orange, Binder 3: Green, Binder 4: Brown

Outer Shield

Shield Type
No Shield

Outer Jacket

Material	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	Yes

Overall Cable Diameter (Nominal):	13.5 mm (0.531 in)
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Electrical Characteristics

Electricals

Max. Conductor DCR	Max. Mutual Capacitance
148 Ohm/km (45.1 Ohm/1000ft)	66 pF/m (20 pF/ft)

High Frequency

Frequency	Max. Insertion Loss (Attenuation)	Min. NEXT [dB]	Min. SRL (Structural Return Loss) [dB]	Max./Min. Fitted Impedance
1	3.1	41	12	100 ± 15 Ohms
4 MHz	6.7	32	12	100 ± 15 Ohms
8 MHz	10.2	27	12	100 ± 15 Ohms
10 MHz	11.6	26	12	100 ± 15 Ohms
16 MHz	15.7	23	10	100 ± 15 Ohms

Mechanical Characteristics

Temperature

UL Temperature	Operating
72 V DC	-20°C to +60°C

Bend Radius

Installation Min.

135 mm (5.31 in)

Max. Pull Tension:	400 N (90 lbf)
Bulk Cable Weight:	225 kg/km (151 lbs/1000ft)

Standards and Compliance

GB Compliance:	GB 31247
TIA/EIA Compliance:	ANSI/ TIA 568 .2 D Category 3
ISO/IEC Compliance:	IEC 11801-1
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment)

History

Update and Revision:	Revision Number: 0.26 Revision Date: 02-20-2026
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Part Numbers

Variants

Item #	Color	Length
YJ72873B1 0101000M	Black	1,000 m
YJ72873B1 0081000M	Gray	1,000 m

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