

Halogen Free Twisted Pair S/FTP Cat6A RJ45 Patch Cable



Description

The BlueLAN® BLPCB6A Twisted Pair RJ45 Patch Cable is a low-cost and low-latency solution for short interconnections between devices in data centers and office. Choose the most popular connection for short data links.

BlueLAN® Twisted Pair S/FTP Cat6A RJ45 Patch Cable comes with two types of shielding: A braid shield around all pairs and a foil shield around every pair.

BlueLAN® Twisted Pair S/FTP Cat6A RJ45 Patch Cable come with full copper wires, no copper clad aluminium, for the best connection quality.

Applications

- ✓ Copper Network Links
- ✓ Twisted Pair Links
- ✓ Ethernet / Fiber Channel

Features

- ✓ 2x RJ45 Connector with length mark
- ✓ Category 6A performance
- ✓ Operating frequencies up to 500MHz
- ✓ AWG26
- ✓ S/FTP Shielding
- ✓ 50µ Gold plated Connectors
- ✓ Compliant EIA/TIA 568B
- ✓ 4 pairs of flexible 100% copper conductors
- ✓ Blue version
- ✓ Available in different colors
- ✓ LSZH coating compliant with IEC-60754-1
- ✓ Insulation Resistance: DC300V 10M ohm
- ✓ Contactor Resistance: 15 ohm
- ✓ Dielectric Strength: 200V AC/Sec, 1mA
- ✓ 100% open short & miss wire test
- ✓ Storage, Installation and operation
Temperature -20°C to +65°C

Warranty

Every BlueLAN© Twisted Pair S/FTP Cat6a RJ45 Patch Cable comes with a 25 year replacement warranty and lifetime support.

For a warranty inquiry, please contact your CBO sales representative.

This warranty only covers the first user of the equipment.

Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by CBO before they become applicable to any particular order or contract. In accordance with the CBO policy of continuous improvement specifications may change without notice.

The publication of information in this data sheet does not imply freedom from patent or other protective rights of CBO or others.

Further details are available from any CBO sales representative.

Regulatory Compliance

Feature	Standard	Co.
Smoke density Purpose	- IEC-61034	✓
Halogen Acid Content	- IEC-60754-1	✓
Flame Resistance	- IEC 60332-1, IEC 60332-3	✓
RoHS	- 2002/95/EC	✓

1. General Information

Parameter	Value
Conductor	Copper wire, bare
Twisting	2 wires to a pair
Twisting to cable core	4 pairs to cable core
Braid	Tinned copper braid and aluminum coated sheet
Coat	Flame-retardant and halogen-free LSZH

2. Raw Cable Characteristics

Parameter	Value
Dielectric strength	2.5KV DC – 2 Seconds
Conductor resistance	Max. 9.38Ohm/100 at 20°C
Max. ring resistance	16.8 Ohm / 100mt at 20°C
Max. mutal capacitance	560pf / 100mt
Max. capacity unbalance	330pf / 100mt
Impedance:	100 ± 15 Ohm at 1Mhz to 100Mhz
Bend Radius	60 mm