LANmark Industry Patch Cords RJ45 IP67/IP20 Cat 6A

LANMARK INDUSTRY PATCH CORD RJ45 IP67/IP20 CATEGORY 6A SCREENED PVC 10M YELLOW



Aginode Ref: N10i.E34OJ

- Industrial Patch Cord RJ45 Cat 6A
- One end with IP67 protection Level (Dust/liquids) - other end with IP20
- Suitable for the LANmark Industry IP65/67 outlet Cat 6A or Cat 7A
- Cable with good mechanical performance and resistant to chemicals
- Conform with the requirements of ISO/IEC24702 and IEC 61076-3-106 (8way Industrial connector)
- Fully screened

STANDARDS

IEC 61076-3-106
ISO/IEC 11801
ISO/IEC 24702

Application

LANmark Industry IP67/IP20 patch cords are designed to be used together with the LANmark Industry IP65/67 outlet. Within industrial and harsh areas, it will provide a secure connection free of liquids and dust.

The IP20 end of the patch cord can be connected to any IT or industrial equipment featuring a standard RJ45 port.

LANmark Industry patch cords can be used to deliver a full end-to-end Class E or EA solution in industrial areas.

Performance

- High Speed patch cords
- Reliable connections
- Full compliance to ISO/IEC24702 (Generic Cabling - industrial premises)

The LANmark Industry patch cords have been designed to reach Class EA performance. They show excellent performance for attenuation (insertion loss), NEXT/FEXT, Power Sum NEXT/FEXT and Return Loss as defined in ISO/IEC 11801.

As such they support all data applications defined for Cat 5e, Cat 6 and Cat 6A, such as:

- 10baseT Ethernet
- Fast Ethernet
- Gigabit Ethernet
- **Industrial Ethernet**.

Design

The IP67/IP20 end of the patch cords features a Push-Pull boot. It provides the IP67 protection level as well as a locking

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.

system for the cords. The cords can only be removed from the outlet when the user pulls on the boot. The cords can't be removed just by pulling the cable. This Push-Pull locking boot is compliant with the ISO/IEC24702 and IEC 61073-3-106 (8way industrial connector).

Installation

- PVC cable with good chemical and mechanical performance.
- Supported lengths: 1.5, 3, 5 and 10m.
- Rugged construction.
- High connector retention force due to special boots.
- External strain relief
- IP67 Push-Pull locking system

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LANmark Industry patch cord RJ45 IP67/IP20 Category 6A screened PVC 10m Yellow

Characteristics

Construction characteristics	
Connector type	RJ 45
Individual screen	Aluminium / Polyester tape
Inner sheath	None
Lead free	Yes
Outer sheath	PVC
Overall screen	Tinned copper braid
Sheath colour	Yellow
Type of cable	S/FTP
Dimensional characteristics	
Approximate weight per piece	0.7 kg
Number of pairs	4
Outer Diameter	6.5 mm
Electrical characteristics	
Characteristic impedance	100 Ohm
Maximal operating frequency	500 MHz
Mechanical characteristics	
Abrasion resistance	High
Usage characteristics	
Category	Cat. 6A
Chemical resistance	Excellent
Component function	Cabling and Connectivity solutions
Electro magnetic interference resistance	Yes
Field of application	Fixed installations
Flame retardant	IEC 60332-1-2
Length	10 m
Mechanical durability/matings	750
Operating temperature, range	-10...80 °C

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Packaging	Plastic bag
RoHS compliant	Yes

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