LANmark Industry Patch Cords RJ45 IP67/IP20 Cat 6A

LANMARK INDUSTRY PATCH CORD RJ45 IP67/IP20 CATEGORY 6A SCREENED PVC 5M YELLOW

Aginode Ref: N10i.E34HJ

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



The LANmark Industry IP67/IP20 Patch Cord is 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 patchcords can be used to deliver a full endto-end Class E or EA solution in industrial areas.

Performance

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

The LANmark Industry patch cords have been designed to reach the highest performance in Class E. They show excellent performance for attenuation (insertion loss), NEXT/FEXT, Power Sum NEXT/FEXT and Return Loss as defined in ISO/IEC 11801:2002.

This provides improved data throughput.

As such it supports all data applications defined for Cat 5, Cat 5E, Cat 6 and Cat 6A, such as:

- 10baseT
- Fast Ethernet
- Gigabit Ethernet
- 155 ATM
- 622 ATM



STANDARDS

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

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- 1.2 ATM
- Industrial Ethernet.

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

- Cable with very good chemical and mechanical performances.
- Lengths available: 1,5 3,0 5,0 and 10m.
- IP67 single end cord of 10m available.
- 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 5m Yellow

Characteristics

Co	onstruction characteristics		
	Outer sheath	PVC	
	Sheath colour	Yellow	
	Lead free	Yes	
	Inner sheath	None	
	Type of cable	S/FTP	
	Connector type	RJ 45	
	Individual screen	Aluminium / Polyester tape	
	Overall screen	Tinned copper braid	
Di	mensional characteristics		
	Outer Diameter	6.5 mm	
	Number of pairs	4	
	Approximate weight per piece	0.35 kg	
Electrical characteristics			
	Maximal operating frequency	500 MHz	
	Characteristic impedance	100 Ohm	
Mechanical characteristics			
	Abrasion resistance	High	
Us	age characteristics		
	Electro magnetic interference resistance	Yes	
	Field of application	Fixed installations	
	Length	5 m	
	Operating temperature, range	-1080 °C	
	Weather resistance	Good	
	Category	Cat. 6A	
	Chemical resistance	Excellent	
	Flame retardant	IEC 60332-1-2	
	Component function	Cabling and Connectivity solutions	

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Packaging	Plastic bag

Mechanical durability/matings 750

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