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Hyperline PP3-19-24-8P8C-C6-110D Patch Panel 19", 1U, 24 RJ-45 Ports, Category 6, Dual IDC, ROHS, Black (rear cable manager included)

#### Digital marking

- Port numbering on the front panel.

#### Additional marking

- Areas for additional marking.

#### Color coding

- Rear panel wiring color scheme according to T568B and T568A standards.

#### Convenience of termination

- The high protruding part of the IDC-module housing provides convenient termination of conductors. Two types of tools are suitable for cable termination: 110 type and for plinths (LSA).

#### Removable cable manager

- Rear cable manager for secure cable management.

part number

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PP3-19-24-8P8C-C6-110D

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## CHARACTERISTICS

## CERTIFICATES

**Main characteristics**

**Category (TIA/EIA):** 6

**Connector type:** RJ45

**Number of ports:** 24

**Mounting height:** 1U

**Color:** black

**Dimensions and weight**

**Height:** 44 mm

**General characteristics**

**Type of IDC contacts:** Dual IDC (110 + Krone)

**Permissible conductor gauge:** 26-22 AWG

**Wiring diagram:** T568A/B

**Port markings:** digital marking

**materials**

**Case material:** sheet steel 1.6 mm

**Printed circuit board (PCB) material:** 2-layer fiberglass (FR-4)

**PCB connector material:** polybutylene terephthalate (PBT), glass fiber reinforced

**PCB contact material:** phosphor bronze with gold plating

**Housing material of the IDC module:** high impact ABS plastic

**IDC contact material:** tin plated phosphor bronze

**Back strap material:** ABS plastic (ABS, UL 94 V-0)

**Electrical characteristics**

**Current strength:** 1.5 A

**Contact resistance (max.):** 20 mΩ

**Insulation resistance (min.):** 500 MΩ

**Test voltage:** 1000 V / 60 Hz / 1 min.

ADDITIONAL CHARACTERISTICS

**Patch panel 19", 1U, 24 RJ-45 ports, category 6, Dual IDC, ROHS, black (rear cable manager included)**

part number	PP3-19 - XX -8P8C-C6-110D
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<b>Category</b>		6		
<b>Number of ports (XX)</b>		16	24	48
<b>Case height</b>		1U (44mm)	1U (44mm)	2U (88mm)
<b>Termination type of IDC modules</b>		horizontal termination (IDC modules placed vertically)		
<b>Permissible conductor diameter</b>		0.41-0.64mm (26-22AWG)		
<b>Compliance</b>		complies with ANSI/TIA/EIA-568-C.2 (Cat. 6), ISO/IEC 11801:2002, UL 1863		
<b>materials</b>	<b>Frame</b>	cold-rolled sheet steel 1.6 mm		
	<b>Printed Circuit Board (PCB)</b>	two-layer fiberglass (FR-4) 1.6 mm		
	<b>Connectors</b>	glass fiber reinforced polybutylene terephthalate (PBT), UL 94V-0; contacts - phosphor bronze with 1.27 µm gold plating over 2.54 µm nickel plating		
	<b>IDC module housing</b>	high impact ABS plastic (acrylonitrile butadiene styrene), UL 94V-0		
	<b>IDC contacts</b>	phosphor bronze coated with 2.54 micron tin alloy		
	<b>Rear fixing bar</b>	high impact ABS plastic (acrylonitrile butadiene styrene), UL 94V-0		
	<b>Removable cable manager</b>	cold-rolled sheet steel 1.6 mm		
<b>Electrical characteristics</b>	<b>Maximum current (at 20°C)</b>	1.5 A		
	<b>Nom. operating voltage</b>	48 V		
	<b>contact resistance</b>	20 mΩ		
	<b>Insulation resistance</b>	500 MΩ		
	<b>Test voltage (60 Hz)</b>	1000 V/1 min.		
<b>Exploitation</b>	<b>Max insertion force</b>	20 N		
	<b>Connector holding force</b>	50 N/1 min.		
	<b>Operating temperature</b>	-40°C – +70°C		
	<b>Number of connections</b>	≥ 2000 cycles		