

# Shielded Cat6A Loaded Patch Panel 24-port



HYPERSPAN

Engineered for long-distance, high-power performance, we can deliver:

Product Code: HSP-RACK-SH-C6A-24-L

Cat6A

Cat6A 23AWG Solid Copper

U/UTP No Overall Screening

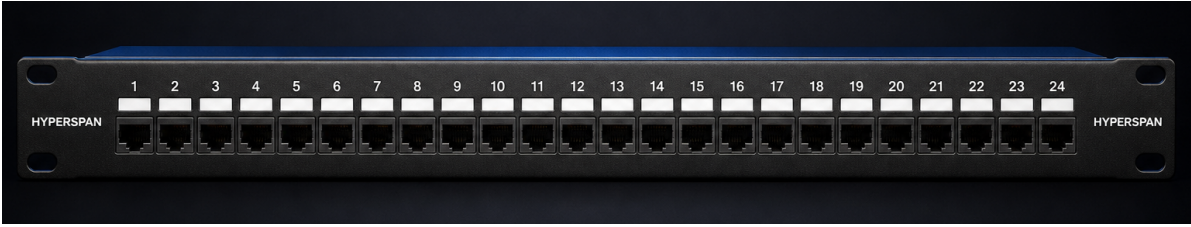
No Conductor Screening

Outer Sheath Colour Black

Reaction-to-fire class EN 13501-6 NPD

Smoke development class EN13501-6 NPD

Fixed Building Installation



## Product Overview

Shielded Cat6A Loaded Patch Panel. Hyperspan RACK product for structured copper infrastructure. Confirm final availability and certified documentation with Hyperspan Technical Support for live projects.

Each cable consists of 8 colour-coded solid oxygen-free copper conductors, arranged into four balanced twisted pairs. Construction: U/UTP. Overall screening: None. Conductor screening: None.

The cable is finished with a LSZH outer sheath (Black) and is intended for structured cabling installations where the declared reaction-to-fire performance NPD is required.



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PRODUCT SPECIFICATION

| Characteristic                  | Value                                   |
|---------------------------------|-----------------------------------------|
| Conductor Surface               | Bare copper                             |
| Conductor Material              | 99.99% Oxygen-Free Copper               |
| AWG Size                        | 23 AWG                                  |
| Conductor Category              | Class 1 – Solid                         |
| Total Number of Cores           | 8                                       |
| Stranding Element               | Twisted pairs                           |
| Core Insulation                 | High-density polyethylene (HDPE)        |
| Cable Construction              | U/UTP                                   |
| Overall Screening               | None                                    |
| Conductor Screening             | None                                    |
| Outer Sheath Material           | LSZH                                    |
| Outer Sheath Colour             | Black                                   |
| Packaging                       | 500m                                    |
| Flame Retardant (IEC 60332-1-2) | yes                                     |
| Reaction-to-Fire (EN 13501-6)   | NPD                                     |
| Smoke Development (EN 13501-6)  | NPD                                     |
| Flaming Droplets (EN 13501-6)   | NPD                                     |
| Acidity (EN 13501-6)            | NPD                                     |
| Outer Diameter (approx.)        | ca. 6.1–7.5 mm (construction dependent) |
| Installation Temperature Range  | -10°C to +60°C                          |
| Operating Temperature Range     | -20°C to +75°C                          |
| NVP                             | 69 %                                    |
| Application                     | —                                       |
| Warranty                        | 25-Year System Warranty                 |



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Standards

| Applicable Standards  | Subject                                                                 |
|-----------------------|-------------------------------------------------------------------------|
| ISO/IEC 11801         | Information technology — Generic cabling for customer premises          |
| EN 50173-1            | Information technology — Generic cabling systems                        |
| ANSI/TIA-568.2-D      | Balanced twisted-pair telecommunications cabling                        |
| EN 50575:2014+A1:2016 | Power, control and communication cables — reaction to fire              |
| EN 13501-6            | Fire classification of construction products — cables                   |
| EN 50399              | Common test methods for cables under fire conditions                    |
| EN 60332-1-2          | Tests on electric and optical fibre cables under fire conditions        |
| EN 61034-2            | Measurement of smoke density of cables burning under defined conditions |
| EN 60754-2            | Test on gases evolved during combustion of materials from cables        |

| Environmental & Compliance Certifications |                                                     |
|-------------------------------------------|-----------------------------------------------------|
| RoHS-II / RoHS-III                        | Compliant — hazardous substance restrictions        |
| WFD / SCIP                                | Support for substance information where applicable  |
| POPs (EU)                                 | Persistent organic pollutants requirements observed |
| CE / UKCA                                 | Conformity marking as applicable to intended market |
| Declared CPR class                        | NPD                                                 |
| DoP reference                             | HSP-DOP-RACK-SH-C6A-24-L                            |

Power, control and communication cables — cables for general applications in construction works subject to reaction-to-fire requirements. Confirm the certified Declaration of Performance revision with Hyperspan Technical Support before procurement or installation.