# NPC6ASZDB

## NETCONNECT® Cat 6A S/FTP RJ45 Patch Cord, LSZH

- High-performance patch cords exceeding industry standards supporting NETCONNECT channel specifications
- Standardized transparent, slim-line boots provides consistent patch cord appearance and supports highest density applications
- Colored clips are available to fit the transparent boot, eliminating the need of multiple colors for matching every jacket color
- Colored pull latch tabs are available for easier plug release handling from the modular jack

## Product Classification

| | |
|---|---|
| **Regional Availability** | Asia   \|   Australia/New Zealand   \|   EMEA   \|   Latin America |
| **Portfolio** | NETCONNECT® |
| **Product Type** | Twisted pair patch cord |
| **Product Series** | NPC |
| **Ordering Note** | Cords < 1 m are valid elements for use in a channel or as an equipment interconnect but due to their limited length are not guaranteed to meet component compliance requirements that were developed to assess the quality of longer cords   \|   Cords > 1 m are authorized for use in channels and are an effective standalone method used to connect active devices |

## General Specifications

| | |
|---|---|
| **ANSI/TIA Category** | 6A |
| **Cable Type** | S/FTP (shielded) |
| **Conductor Type** | Stranded |
| **Interface, Connector A** | RJ45 plug |
| **Interface Feature, connector A** | Standard |
| **Interface, Connector B** | RJ45 plug |
| **Interface Feature, connector B** | Standard |
| **Jacket Color** | Black   \|   Blue   \|   Green   \|   Orange   \|   Pink   \|   Purple   \|   Red   \|   Slate   \|   Violet   \|   White   \|   Yellow |
| **Pairs, quantity** | 4 |
| **Transmission Standards** | ANSI/TIA-568.2-D   \|   IEEE 802.3bt Type 4   \|   ISO/IEC 11801 Class EA |
| **Wiring** | T568B |

## Dimensions

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| | |
|---|---|
| **Cable Assembly Length Range (m)** | 1 – 30 |
| **Cable Assembly Length Range (ft)** | 1 – 100 |
| **Cable Assembly Length Range (cm)** | 15 – 999 |
| **Cable Assembly Length Range (in)** | 6 – 999 |
| **Diameter Over Jacket** | 5.84 mm  |  0.23 in |
| **Compatible Conductor Gauge, stranded** | 26 AWG |

## Electrical Specifications

| | |
|---|---|
| **Safety Voltage Rating** | 300 V |

## Ordering Tree

NPC ☐☐☐☐☐☐ - OR 0 5 0 M
10 · 12 · 11

**Jacket Color**

| 10 | BK | Black |
|---|---|---|
| | BL | Blue |
| | GN | Green |
| | GY | Gray |
| | OR | Orange |
| | PK | Pink |
| | RD | Red |
| | VT | Violet |
| | WT | White |
| | YL | Yellow |

**UOM**

| 11 | F | Foot |
|---|---|---|
| | M | Meter |
| | N | Inch |
| | C | Centimeter |

**Length**

| 12 | XXX |
|---|---|

**Notes**

• Cords > 1m are authorized for use in channels and are an effective standalone method used to connect active devices

• Cords < 1m are also valid elements for use in a channel or as an equipment interconnect but due to their limited length are not guaranteed to meet component compliance requirements that were developed to assess the quality of longer cords

## Mechanical Specifications

| | |
|---|---|
| **Plug Insertion Life, minimum** | 750 times |

## Environmental Specifications

| | |
|---|---|
| **Operating Temperature** | -20 °C to +60 °C (-4 °F to +140 °F) |
| **Relative Humidity** | Up to 93%, non-condensing |
| **Environmental Space** | Low Smoke Zero Halogen (LSZH) |
| **Safety Standard** | Anatel   |   UL 1863 |

## Packaging and Weights

| | |
|---|---|
| **Packaging quantity** | 1 |

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## Regulatory Compliance/Certifications

| Agency | Classification |
| --- | --- |
| CHINA-ROHS | Below maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| RCM | Compliant to electrical safety & telecommunications requirements |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |

## Included Products

| 2843032-3 MP-Boot-S/SL-AB | – | Modular Plug Shielded Slim-Line Boot for Category 6A/6 and Category 5e EMT Plugs, 4.7 to 6.0 mm, transparent |
| --- | --- | --- |
| 6-2111981-3 MP-6AS-B-1 | – | Modular Plug Kit, category 6A, shielded, 8-position, 5.1 – 6.0 mm max cable jack OD, 100/bag |

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