

NPP6AUZDB

Base Product



NPP RJ45 Patch Cord, category 6A, Unshielded, LSZH, Eco-packaging

- 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 | EMEA |
| Portfolio | NETCONNECT® |
| Product Type | Twisted pair patch cord |
| Product Series | NPC |
| Ordering Note | 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 | U/UTP (unshielded) |
| Conductor Type | Solid |
| 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 Red Slate White Yellow |
| Pairs, quantity | 4 |
| Transmission Standards | IEEE 802.3bt Type 4 |
| Wiring | T568B |

Dimensions

| | |
|---|---------|
| Cable Assembly Length Range (m) | 1 – 30 |
| Cable Assembly Length Range (ft) | 4 – 100 |

NPP6AUZDB

| | |
|--|--------------------|
| Cable Assembly Length Range (cm) | 100 – 999 |
| Cable Assembly Length Range (in) | 48 – 999 |
| Diameter Over Jacket | 7.24 mm 0.285 in |
| Compatible Conductor Gauge, solid | 24 AWG |

Ordering Tree

NPP -

Jacket Color

| | | |
|----|----|--------|
| 10 | BK | Black |
| | BL | Blue |
| | GN | Green |
| | GY | Gray |
| | OR | Orange |
| | PK | Pink |
| | RD | Red |
| | 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

Acid Gas Test Method IEC 60754-2

Environmental Space Low Smoke Zero Halogen (LSZH)

Flame Test Method IEC 60332-3-22

Safety Standard Anatel | UL 1863

Smoke Test Method IEC 61034-2

Packaging and Weights

Packaging Material Eco-friendly, single-use plastics-free

Packaging quantity 1

NPP6AUZDB

Regulatory Compliance/Certifications

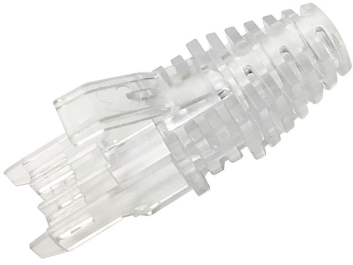
| Agency | Classification |
|---------------|--|
| CHINA-ROHS | Below maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| RCM | Compliant to electrical safety & telecommunications requirements |
| REACH-SVHC | Compliant as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



Included Products

- 2843018-3
MP-6AU-Boot-71-1 – Integrated Boot and Pair Manager for MP-6AU, size 71, transparent
- 6-2843008-1
MP-6AU-Plug-B-1 – Modular Plug, Category 6A/6, Unshielded, Cond Insulation OD - 0.79mm, 100 pcs

2843018-3 | MP-6AU-Boot-71-1



Integrated Boot and Pair Manager for MP-6AU, size 71, transparent

Product Classification

| | |
|------------------------------|---|
| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America |
| Portfolio | CommScope® |
| Product Type | Modular plug boot |

General Specifications

| | |
|-----------------------------|---|
| Boot Feature | Color-clip compatible Pull-tab compatible Slimline Snagless |
| Color | Clear |
| Compatible Plug Type | Cat 6 Cat 6A |

Dimensions

| | |
|---|-------------------|
| Compatible Cable Diameter, maximum | 7.4 mm 0.291 in |
| Compatible Cable Diameter, minimum | 6.8 mm 0.268 in |

Packaging and Weights

| | |
|---------------------------|---------------|
| Included | Strain relief |
| Packaging quantity | 100 |
| Packaging Type | Bag Box |

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|---|
| CHINA-ROHS | Below maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |



6-2843008-1 | MP-6AU-Plug-B-1



Modular Plug, Category 6A/6, Unshielded, Cond Insulation OD - 0.79mm, 100 pcs

Product Classification

| | |
|------------------------------|---|
| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America |
| Portfolio | CommScope® |
| Product Type | Modular plug |

General Specifications

| | |
|----------------------------------|-------------------|
| ANSI/TIA Category | 6 6A |
| Cable Type | Round, unshielded |
| Conductor Type | Solid Stranded |
| Interface | RJ45 |
| Positions/Loaded Contacts | 8/8 |
| Termination Type | IDC |

Dimensions

| | |
|---|--------------------|
| Compatible Insulated Conductor Diameter, maximum | 0.89 mm 0.035 in |
| Compatible Insulated Conductor Diameter, minimum | 0.69 mm 0.027 in |
| Contact Plating Thickness | 1.27 µm |
| Compatible Conductor Gauge, solid | 26-23 AWG |
| Compatible Conductor Gauge, stranded | 26-23 AWG |

Electrical Specifications

| | |
|---------------------------------------|----------|
| Current Rating, maximum | 0.75 A |
| Insulation Resistance, minimum | 500 mOhm |
| Safety Voltage Rating | 150 Vac |

6-2843008-1 | MP-6AU-Plug-B-1

Material Specifications

| | |
|---------------------------------|----------------------------|
| Contact Base Material | Phosphor Bronze |
| Contact Plating Material | Gold |
| Material Type | Glass filled polycarbonate |

Mechanical Specifications

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

Environmental Specifications

| | |
|------------------------------|--------------------------------------|
| Operating Temperature | -10 °C to +60 °C (+14 °F to +140 °F) |
| Relative Humidity | Up to 93%, non-condensing |
| Safety Standard | UL 1863 |

Packaging and Weights

| | |
|---------------------------|--------------------|
| Packaging quantity | 100 |
| Packaging Type | Bag Box Carton |

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|---|
| CHINA-ROHS | Below maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
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