# NPC6AUZDB

#### **Base Product**



#### NETCONNECT® Cat 6A U/UTP 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 EMEA

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 U/UTP (unshielded)

Conductor Type Solid

Interface, Connector ARJ45 plugInterface Feature, connector AStandardInterface, Connector BRJ45 plugInterface Feature, connector BStandard

Jacket Color Black | Blue | Green | Orange | Red | Slate | White | Yellow

Pairs, quantity 4

**Transmission Standards** IEEE 802.3bt Type 4

Wiring T568B

**Dimensions** 

**COMMSCOPE®** 

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Cable Assembly Length Range (m) 1 – 30

Cable Assembly Length Range (ft) 1 - 100

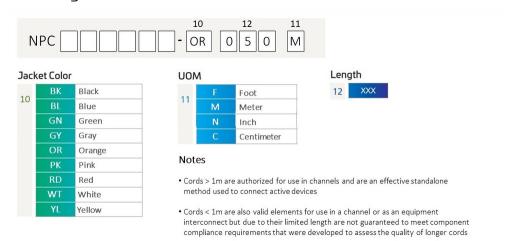
Cable Assembly Length Range (cm) 15 – 999

Cable Assembly Length Range (in) 6 - 999

**Diameter Over Jacket** 7.24 mm | 0.285 in

Compatible Conductor Gauge, solid 24 AWG

#### Ordering Tree



### Material Specifications

**Conductor Material** Bare copper

Contact Plating Material Gold over nickel

Material Type Phosphor bronze contacts | Polycarbonate plug housing

Mechanical Specifications

Minimum Bend Radius Note 4 times the outer cable diameter

Plug Insertion Life, minimum 750 times

### **Environmental Specifications**

**Operating Temperature**  $-20 \,^{\circ}\text{C}$  to  $+60 \,^{\circ}\text{C}$  (-4  $^{\circ}\text{F}$  to  $+140 \,^{\circ}\text{F}$ )

**Relative Humidity** Up to 93%, non-condensing

Acid Gas Test Method IEC 60754-2

**Environmental Space** Low Smoke Zero Halogen (LSZH)

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Flame Test Method IEC 60332-3-22

Safety Standard Anatel | UL 1863

Smoke Test Method IEC 61034-2

Packaging and Weights

Packaging quantity 1

Regulatory Compliance/Certifications

Agency Classification

RCM Compliant to electrical safety & telecommunications requirements



#### Included Products

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

6-2843008-1 MP-6AU-Plug-B-1 Integrated Boot and Pair Manager for MP-6AU, size 71, transparent

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