

# 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

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

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

# NPC6AUZDB

<b>Cable Assembly Length Range (m)</b>	1 – 30
<b>Cable Assembly Length Range (ft)</b>	1 – 100
<b>Cable Assembly Length Range (cm)</b>	15 – 999
<b>Cable Assembly Length Range (in)</b>	6 – 999
<b>Diameter Over Jacket</b>	7.24 mm   0.285 in
<b>Compatible Conductor Gauge, solid</b>	24 AWG

## Ordering Tree

NPC       -

### 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
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### 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

## Material Specifications

<b>Conductor Material</b>	Bare copper
<b>Contact Plating Material</b>	Gold over nickel
<b>Material Type</b>	Phosphor bronze contacts   Polycarbonate plug housing

## Mechanical Specifications

<b>Minimum Bend Radius Note</b>	4 times the outer cable diameter
<b>Plug Insertion Life, minimum</b>	750 times

## Environmental Specifications

<b>Operating Temperature</b>	-20 °C to +60 °C (-4 °F to +140 °F)
<b>Relative Humidity</b>	Up to 93%, non-condensing
<b>Acid Gas Test Method</b>	IEC 60754-2
<b>Environmental Space</b>	Low Smoke Zero Halogen (LSZH)

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<b>Flame Test Method</b>	IEC 60332-3-22
<b>Safety Standard</b>	Anatel   UL 1863
<b>Smoke Test Method</b>	IEC 61034-2

## Packaging and Weights

<b>Packaging quantity</b>	1
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## Regulatory Compliance/Certifications

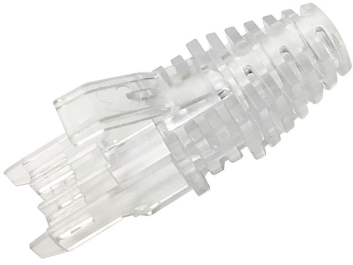
<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
RCM	Compliant to electrical safety & telecommunications requirements
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/Produ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

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Modular plug boot

## General Specifications

<b>Boot Feature</b>	Color-clip compatible   Pull-tab compatible   Slimline   Snagless
<b>Color</b>	Clear
<b>Compatible Plug Type</b>	Cat 6   Cat 6A

## Dimensions

<b>Compatible Cable Diameter, maximum</b>	7.4 mm   0.291 in
<b>Compatible Cable Diameter, minimum</b>	6.8 mm   0.268 in

## Packaging and Weights

<b>Included</b>	Strain relief
<b>Packaging quantity</b>	100
<b>Packaging Type</b>	Bag   Box

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
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

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Modular plug

## General Specifications

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

## Dimensions

<b>Compatible Insulated Conductor Diameter, maximum</b>	0.89 mm   0.035 in
<b>Compatible Insulated Conductor Diameter, minimum</b>	0.69 mm   0.027 in
<b>Contact Plating Thickness</b>	1.27 µm
<b>Compatible Conductor Gauge, solid</b>	26–23 AWG
<b>Compatible Conductor Gauge, stranded</b>	26–23 AWG

## Electrical Specifications

<b>Current Rating, maximum</b>	0.75 A
<b>Insulation Resistance, minimum</b>	500 mOhm
<b>Safety Voltage Rating</b>	150 Vac

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

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## Material Specifications

<b>Contact Base Material</b>	Phosphor Bronze
<b>Contact Plating Material</b>	Gold
<b>Material Type</b>	Glass filled polycarbonate

## Mechanical Specifications

<b>Plug Insertion Life, minimum</b>	750 times
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## Environmental Specifications

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

## Packaging and Weights

<b>Packaging quantity</b>	100
<b>Packaging Type</b>	Bag   Box   Carton

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
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