# NPCO6UVDB

#### **Base Product**



#### NETCONNECT® Cat 6 U/UTP RJ45 Patch Cord, Non-Plenum

- 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 | 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 6

Cable Type U/UTP (unshielded)

Conductor TypeStrandedInterface, 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 | ISO/IEC 11801 Class E

Wiring T568B

**Dimensions** 

**COMMSCOPE®** 

# NPCO6UVDB

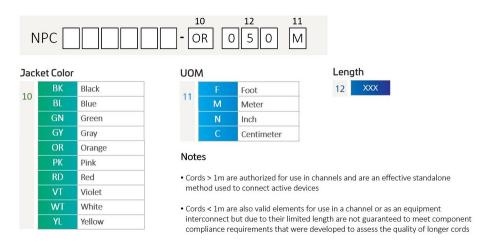
Cable Assembly Length Range (m)1 - 30Cable Assembly Length Range (ft)1 - 100Cable Assembly Length Range (cm)15 - 999

Cable Assembly Length Range (in) 6 - 999

**Diameter Over Jacket** 5.97 mm | 0.235 in

Compatible Conductor Gauge, stranded 24 AWG

### Ordering Tree



## Material Specifications

**Insulation Material** Polyethylene

Material Type PVC

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 Non-plenum

Flammability Rating CM

Safety Standard UL 1863



# NPC06UVDB

## Packaging and Weights

#### Packaging quantity

1

## 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

2843020-3 MP-6AU-Boot-59-1

6-2843007-1 MP-6AU-Plug-A-1 Integrated Boot and Pair Manager for MP-6AU, size 59, transparent

Modular Plug, Category 6A/6, Unshielded, Cond Insulation OD - 0.99mm, 100

pcs

# 2843020-3 | MP-6AU-Boot-59-1



Integrated Boot and Pair Manager for MP-6AU, size 59, 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, maximum6.2 mm | 0.244 inCompatible Cable Diameter, minimum5.6 mm | 0.22 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



# 2843020-3 | MP-6AU-Boot-59-1





# 6-2843007-1 | MP-6AU-Plug-A-1



Modular Plug, Category 6A/6, Unshielded, Cond Insulation OD - 0.99mm, 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 TypeRound, unshieldedConductor TypeSolid | Stranded

InterfaceRJ45Positions/Loaded Contacts8/8Termination TypeIDC

Dimensions

Compatible Insulated Conductor Diameter, maximum1.09 mm0.043 inCompatible Insulated Conductor Diameter, minimum0.89 mm0.035 in

Contact Plating Thickness1.27 μmCompatible Conductor Gauge, solid26-23 AWGCompatible Conductor Gauge, stranded26-23 AWG

**Electrical Specifications** 

Current Rating, maximum0.75 AInsulation Resistance, minimum500 mOhmSafety Voltage Rating150 Vac

Material Specifications

Contact Base Material Phosphor Bronze

Contact Plating Material Gold

**COMMSCOPE®** 

# 6-2843007-1 | MP-6AU-Plug-A-1

Material Type Glass filled polycarbonate

Mechanical Specifications

Plug Insertion Life, minimum 750 times

**Environmental Specifications** 

**Operating Temperature**  $-10 \,^{\circ}\text{C} \text{ to } +60 \,^{\circ}\text{C} \, (+14 \,^{\circ}\text{F to } +140 \,^{\circ}\text{F})$ 

**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

ROHS Compliant UK-ROHS Compliant

