

# NPC6ASZDB

## Base Product



## 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

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

## Dimensions

# NPC6ASZDB

<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>	5.84 mm   0.23 in
<b>Compatible Conductor Gauge, stranded</b>	26 AWG

## Electrical Specifications

<b>Safety Voltage Rating</b>	300 V
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## Ordering Tree

NPC       -

### 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
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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

## Mechanical Specifications

<b>Plug Insertion Life, minimum</b>	750 times
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## 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>Environmental Space</b>	Low Smoke Zero Halogen (LSZH)
<b>Safety Standard</b>	Anatel   UL 1863

## 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

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

# 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

## 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   Shielded   Slimline   Snagless
<b>Color</b>	Clear
<b>Compatible Plug Type</b>	Cat 5e   Cat 6   Cat 6A

## Dimensions

<b>Compatible Cable Diameter, maximum</b>	6 mm   0.236 in
<b>Compatible Cable Diameter, minimum</b>	4.7 mm   0.185 in

## Packaging and Weights

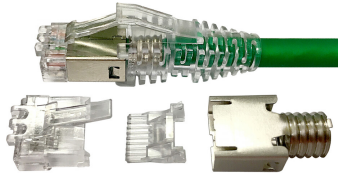
<b>Included</b>	Strain relief
<b>Packaging quantity</b>	100
<b>Packaging Type</b>	Bag   Box

## 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



# 6-2111981-3 | MP-6AS-B-1



Modular Plug Kit, category 6A, shielded, 8-position, 5.1 – 6.0 mm max cable jack OD, 100/bag

## Product Classification

### Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

### Portfolio

CommScope®

### Product Type

Modular plug

## General Specifications

### ANSI/TIA Category

6A

### Cable Type

Round, shielded

### Conductor Type

Solid | Stranded

### Interface

RJ45

### Positions/Loaded Contacts

8/8

### Termination Type

IDC

## Dimensions

### Compatible Cable Diameter, maximum

6 mm | 0.236 in

### Compatible Cable Diameter, minimum

5.1 mm | 0.201 in

### Compatible Insulated Conductor Diameter, maximum

1.09 mm | 0.043 in

### Compatible Insulated Conductor Diameter, minimum

0.89 mm | 0.035 in

### Contact Plating Thickness

1.27 µm

### Compatible Conductor Gauge, solid

26–23 AWG

### Compatible Conductor Gauge, stranded

26–23 AWG

## Electrical Specifications

### Insulation Resistance, minimum

500 mOhm

## Material Specifications

### Contact Base Material

Phosphor Bronze

### Contact Plating Material

Gold

# 6-2111981-3 | MP-6AS-B-1

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<b>Material Type</b>	Glass filled polycarbonate
<b>Plug Shield Base Material</b>	Stainless steel
<b>Plug Shield Plating Material</b>	Nickel

## 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>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>
ROHS	Compliant
UK-ROHS	Compliant

