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

ANSI/TIA Category	6A
Cable Type	S/FTP (shielded)
Conductor Type	Stranded
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 | Pink | Purple | Red | Slate | Violet | White | Yellow
Pairs, quantity	4
Transmission Standards	ANSI/TIA-568.2-D | IEEE 802.3bt Type 4 | ISO/IEC 11801 Class EA
Wiring	T568B

Dimensions

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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	5.84 mm | 0.23 in
Compatible Conductor Gauge, stranded	26 AWG

Electrical Specifications

Safety Voltage Rating	300 V

Ordering Tree

								10		12		11
NPC							-	OR	0	5	0	M

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

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
Environmental Space	Low Smoke Zero Halogen (LSZH)
Safety Standard	Anatel | UL 1863

Packaging and Weights

Packaging quantity	1

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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

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

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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

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 | Shielded | Slimline | Snagless
Color	Clear
Compatible Plug Type	Cat 5e | Cat 6 | Cat 6A

Dimensions

Compatible Cable Diameter, maximum	6 mm | 0.236 in
Compatible Cable Diameter, minimum	4.7 mm | 0.185 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

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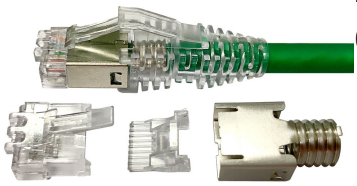
6-2111981-3 | MP-6AS-B-1



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

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Material Specifications

Contact Base Material	Phosphor Bronze
Contact Plating Material	Gold
Material Type	Glass filled polycarbonate
Plug Shield Base Material	Stainless steel
Plug Shield Plating Material	Nickel

Mechanical Specifications

Plug Insertion Life, minimum	750 times

Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
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

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