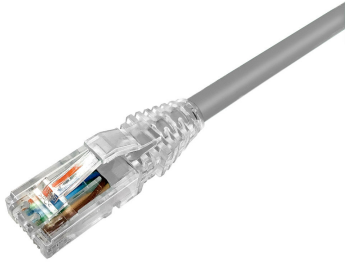


NPC06UZDB-GY



NPC RJ45 Patch Cord, category 6, U/UTP, LSZH, gray

- 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 EMEA Latin America
Portfolio	NETCONNECT®
Product Type	Twisted pair patch cord
Product Series	NPC

General Specifications

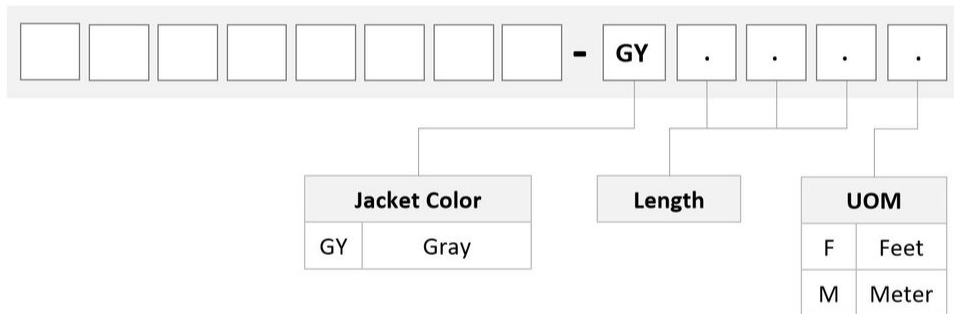
ANSI/TIA Category	6
Cable Type	U/UTP (unshielded)
Conductor Type	Stranded
Interface Feature, connector A	Standard
Interface Feature, connector B	Standard
Interface, Connector A	RJ45 plug
Interface, Connector B	RJ45 plug
Jacket Color	Gray
Pairs, quantity	4
Wiring	T568B

Dimensions

Cable Assembly Length, minimum (m)	1
Cable Assembly Length, maximum (m)	100
Diameter Over Jacket	5.97 mm 0.235 in
Compatible Conductor Gauge, stranded	24 AWG

Ordering Tree

NPC06UZDB-GY



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 UL 1863

Packaging and Weights

Packaging quantity 1

NPC06UZDB-GY

Included Products

2 8 4 3 0 2 0 - 3

MP-6AU-Boot-59-1 — Integrated Boot and Pair Manager for MP-6AU, size 59, transparent

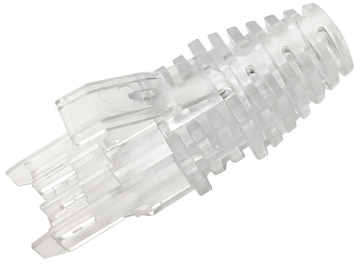
6 - 2 8 4 3 0 0 7 - 1

MP-6AU-Plug-A-1 — Modular Plug, Category 6A/6, Unshielded, Cond Insulation OD - 0.99mm, 100 pcs

C C 8 4 5 9 7 4 4 / B U

CC6ZH GRY 4/24 SR U/UTP RL BULK — CC6ZH Category 6 U/UTP Cable, low smoke zero halogen, gray jacket, 4 pair count, bulk length, reel

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, maximum	6.2 mm 0.244 in
Compatible Cable Diameter, minimum	5.6 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



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



Modular Plug, Category 6A/6, Unshielded, Cond Insulation OD - 0.99 mm, 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 Type	Round, unshielded
Conductor Type	Solid Stranded
Interface	RJ45
Positions/Loaded Contacts	8/8
Termination Type	IDC

Dimensions

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

Current Rating, maximum	0.75 A
Insulation Resistance, minimum	500 mOhm
Safety Voltage Rating	150 Vac

Material Specifications

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

Contact Base Material	Phosphor bronze
Contact Plating Material	Gold
Material Type	Glass filled polycarbonate

Mechanical Specifications

Plug Insertion Life, minimum	750 times
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Environmental Specifications

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °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



CC8459744/BU | CC6ZH GRY 4/24 SR U/UTP RL BULK

CC6ZH Category 6 U/UTP Cable, low smoke zero halogen, gray jacket, 4 pair count, bulk length, reel

Product Classification

Regional Availability	Asia EMEA Latin America
Portfolio	CommScope®
Product Type	Twisted pair cable

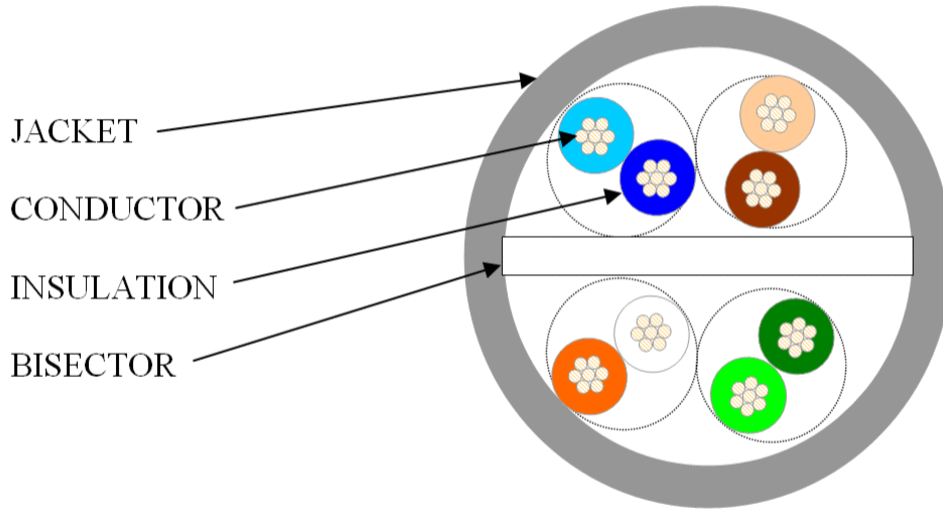
General Specifications

Product Number	CC6ZH
ANSI/TIA Category	6
Cable Component Type	Cordage
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Stranded
Conductors, quantity	8
Jacket Color	Gray
Pairs, quantity	4
Separator Type	Bisector
Transmission Standards	ANSI/TIA-568-C.2 CENELEC EN 50288-6-1 ISO/IEC 11801 Class E

Dimensions

Cable Length, special	Bulk length
Diameter Over Jacket, nominal	0.235 in 5.969 mm
Jacket Thickness	0.022 in 0.559 mm
Conductor Gauge, singles	24 AWG

Cross Section Drawing



Electrical Specifications

Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m 2.859 ohms/100 ft
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	69 %
Operating Frequency, maximum	300 MHz
Operating Voltage, maximum	80 V
Remote Powering	Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO /IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A

CC8459744/BU | CC6ZH GRY 4/24 SR U/UTP RL BULK

Material Specifications

Conductor Material	Tinned copper
Insulation Material	Polyolefin
Jacket Material	Low Smoke Zero Halogen (LSZH)
Separator Material	Polyolefin

Mechanical Specifications

Pulling Tension, maximum	25 lb 11.34 kg
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Environmental Specifications

Installation temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Acid Gas Test Method	IEC 60754-2
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s2
EN50575 CPR Cable EuroClass Droplets Rating	d2
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-1
Smoke Test Method	IEC 61034-2

Packaging and Weights

Cable weight	25.5 lb/kft 3.526 kg/km
Packaging Type	Reel

Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

