CJGXD | IP06-12LUTP-PLUG-BLUNT

Base Product

InstaPATCH® Cu GigaSPEED XL® U/UTP LSZH Preterminated Copper Cable, RJ45 to unterminated, 12 links

This product will be discontinued on: January 31, 2025

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Portfolio	CommScope®
Product Type	Copper trunk cable assembly
Product Brand	GigaSPEED XL®	InstaPATCH® Cu

General Specifications

ANSI/TIA Category	6
Cable Type	U/UTP (unshielded)
Conductor Type	Solid
Interface, Connector A	RJ45 plug
Interface Feature, connector A	Single row	Standard density
Interface, Connector B	Unterminated
Link Count	12
Wiring	T568B

Dimensions

Cable Assembly Length Range (m)	2 – 30
Cable Assembly Length Range (ft)	7 – 98

Electrical Specifications

dc Resistance, maximum	0.3 ohm
Safety Voltage Rating	300 V

Ordering Tree

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       1  2  3  4   5  6  7  8   9  10 11    12
     C  A  A  A  C - 1  1  H  A  B  B  F   0  5  0
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Cable Type

A	Cat 6A X10D – U/UTP (Plenum)
B	Cat 6A X10D – U/UTP (Riser)
C	Cat 6A X10D – U/UTP (LSZH)
D	Cat 6A X10D – F/UTP (Plenum)
E	Cat 6A X10D – F/UTP (Riser)
F	Cat 6A X10D – F/UTP (LSZH)
G	Cat 6 XL – U/UTP (Plenum)
H	Cat 6 XL – U/UTP (Riser)
J	Cat 6 XL – U/UTP (LSZH)
Q	Cat 6A X10D – S/FTP (LSZH)
R	Cat 6 – U/UTP Class B Rated (LSZH)
S	Cat 6A – U/UTP Class B Rated (LSZH)
Y	Cat 6A X10D SD – U/UTP (Riser)

Connector A

A	Outlet* – Single Row Standard Density
B	Outlet* – Dual Row Standard Density
C	Outlet* – Dual Row High Density
G	RJ45 Plug* – Single Row Standard Density
H	RJ45 Plug* – Dual Row Standard Density
J	RJ45 Plug* – Dual Row High Density
N	1100 Module
R	360 1100 Evolve Module
S	OneLink 2x6
T	OneLink 2x4
X	Unterminated

Connector B

A	Outlet* – Single Row Standard Density
B	Outlet* – Dual Row Standard Density
C	Outlet* – Dual Row High Density
G	RJ45 Plug* – Single Row Standard Density
H	RJ45 Plug* – Dual Row Standard Density
J	RJ45 Plug* – Dual Row High Density
N	1100 Module
R	360 1100 Evolve Module
S	OneLink 2x6
T	OneLink 2x4

Link

B	6
C	8
D	12
E	16
F	18
G	24

Bundling

H	Hook-n-loop
S	Sleeving

Labeling

A	Generic Label

Orientation A

1	Trident Series Flat
2	Right Paired Flat
3	Right Series Flat
4	Left Paired Flat
5	Left Series Flat
6	Trident Paired Flat
A	Trident Series Angled
B	Right Paired Angled
C	Right Series Angled
D	Left Paired Angled
E	Left Series Angled
F	Trident Paired Angled

Orientation B

1	Trident Series Flat
2	Right Paired Flat
3	Right Series Flat
4	Left Paired Flat
5	Left Series Flat
6	Trident Paired Flat
A	Trident Series Angled
B	Right Paired Angled
C	Right Series Angled
D	Left Paired Angled
E	Left Series Angled
F	Trident Paired Angled
X	Not Applicable

Outlet Color

0	Not Applicable
1	Black (BK)
2	Blue (BL)
8	White (WH)

Jacket Color

8	White (WH)
C	Slate (SL)
Z	Blue (BL)

UOM

F	Foot
M	Meter

Length

12	XXX

- 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

Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flammability Rating	UL 94 V-0

Regulatory Compliance/Certifications

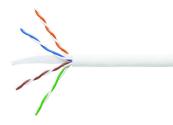| Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

Included Products

3071E-4/23	–	GigaSPEED XL® 3071 ETL Verified Category 6 U/UTP Cable, low smoke zero halogen, 4 pair count

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GigaSPEED XL® 3071 ETL Verified Category 6 U/UTP Cable, low smoke zero halogen, 4 pair count
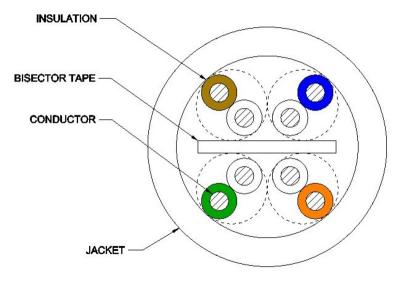
Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America
Portfolio	SYSTIMAX®
Product Type	Twisted pair cable
Product Brand	GigaSPEED XL®

General Specifications

Product Number	3071E
ANSI/TIA Category	6
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Pairs, quantity	4
Separator Type	Bisector
Transmission Standards	ANSI/TIA-568.2-D	CENELEC EN 50288-6-1	ISO/IEC 11801 Class E

Dimensions

Diameter Over Jacket, nominal	5.918 mm	0.233 in
Jacket Thickness	0.508 mm	0.02 in
Conductor Gauge, singles	23 AWG

Cross Section Drawing

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3071E-4/23

Electrical Specifications

dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	7.61 ohms/100 m | 2.32 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

Material Specifications

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

Mechanical Specifications

Pulling Tension, maximum	11.34 kg | 25 lb

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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
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-3-22
Smoke Test Method	IEC 61034-2

Packaging and Weights

Cable weight	37.204 kg/km | 25 lb/kft

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