# CJNNG | IP06-24LUTP-1100L-1100L

#### **Base Product**



# InstaPATCH® Cu GigaSPEED XL® U/UTP LSZH Preterminated Copper Cable, 1100 module to 1100 module, 24 links

#### 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 U/UTP (unshielded) Cable Type **Conductor Type** Solid Interface, Connector A 1100 module Interface Feature, connector A Standard Interface, Connector B 1100 module Interface Feature, connector B Standard Link Count 24 Wiring T568B Dimensions 2 - 90Cable Assembly Length Range (m) Cable Assembly Length Range (ft) 7 - 295 **Electrical Specifications** dc Resistance, maximum 0.3 ohm 300 V Safety Voltage Rating

## Ordering Tree

Page 1 of 5

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: March 14, 2024



# CJNNG | IP06-24LUTP-1100L-1100L

### CAAAC-11HABBF050



#### **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

Page 2 of 5

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: March 14, 2024





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

### Product Classification

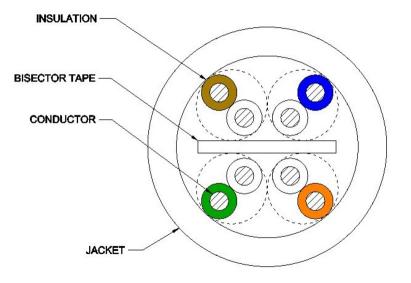
Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America
Portfolio	SYSTIMAX®
Product Type	Twisted pair cable
Product Brand	GigaSPEED XL®
General Specifications	
Product Number	3071E
ANSI/TIA Category	6
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	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

Page 3 of 5

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: November 29, 2023





# **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

Page 4 of 5

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: November 29, 2023

**COMMSCOPE**°

# 3071E-4/23

### **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

## Regulatory Compliance/Certifications

Classification

#### Agency

ISO 9001:2015

Designed, manufactured and/or distributed under this quality management system

Page 5 of 5

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: November 29, 2023

