# CJGSD | IPO6-12LUTP-PG1S-1LK12

#### **Base Product**



InstaPATCH® Cu GigaSPEED XL® U/UTP LSZH Preterminated Copper Cable, single row standard density RJ45 plug to dual row OneLink 2x6, 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	OneLink 2x6
Interface Feature, connector B	Standard
Link Count	12
Wiring	T568B
Dimensions	
Cable Assembly Length Range (m)	2 - 100
Cable Assembly Length Range (ft)	7 – 328
Electrical Specifications	
dc Resistance, maximum	0.3 ohm
Safety Voltage Rating	300 V

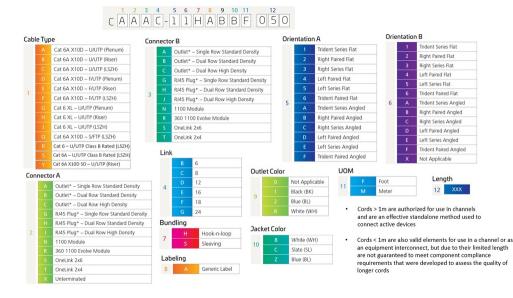
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# Ordering Tree



### **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

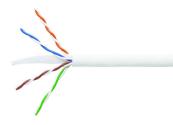
3071E-4/23

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

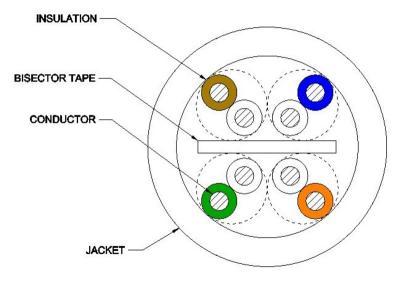
Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America
Portfolio	SYSTIMAX®
Product Type	Twisted pair cable
Product Brand	GigaSPEED XL®
General Specifications	
Product Number	3071E
ANSI/TIA Category	6
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles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

#### Mechanical Specifications

Pulling Tension, maximum

11.34 kg | 25 lb

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# 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

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