# CGGGB | IPO6-06PUTP-PG1S-PG1S

#### **Base Product**



InstaPATCH® Cu GigaSPEED XL® U/UTP Plenum Preterminated Copper Cable, single row standard density RJ45 plug to single row standard density RJ45 plug, 6 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	RJ45 plug
Interface Feature, connector B	Single row   Standard
Link Count	6
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

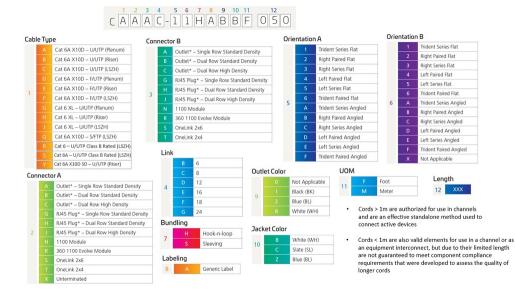
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# Ordering Tree



### **Environmental Specifications**

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Environmental Space	Plenum
Flammability Rating	UL 94 V-0

# Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



#### Included Products

2071E-4/23

GigaSPEED XL® 2071E ETL Verified Category 6 U/UTP Cable, plenum, 4 pair count

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**COMMSCOPE**°

# 2071E-4/23



GigaSPEED XL® 2071E ETL Verified Category 6 U/UTP Cable, plenum, 4 pair count

### Product Classification

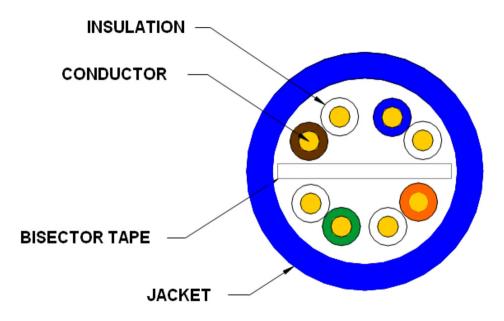
Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	SYSTIMAX®
Product Type	Twisted pair cable
Product Brand	GigaSPEED XL®
General Specifications	
Product Number	2071E
ANSI/TIA Category	6
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor 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	5.74 mm   0.226 in
Jacket Thickness	0.559 mm   0.022 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	
Dielectric Strength, minimum	1500 Vac   2500 Vdc	
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz	
Nominal Velocity of Propagation (NVP)	71 %	
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	FEP   Polyolefin	
Jacket Material	PVC	

Flame retardant polyolefin

# Mechanical Specifications

**Separator Material** 

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2071E-4/23

**Pulling Tension, maximum** 

11.34 kg | 25 lb

# **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)
Environmental Space	Plenum
Temperature Rating, UL	75 °C   167 °F
Flame Test Method	CMP/FT6
Smoke Test Method	CMP/FT6

### Packaging and Weights

Cable weight

43.157 kg/km | 29 lb/kft

# Regulatory Compliance/Certifications

Agency Classification

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

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