# CGGXB | IPO6-06PUTP-PG1S-BLUNT

**Base Product** 



InstaPATCH® Cu GigaSPEED XL® U/UTP Plenum Preterminated Copper Cable, single row standard density RJ45 plug to unterminated, 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	Unterminated	
Link Count	6	
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		

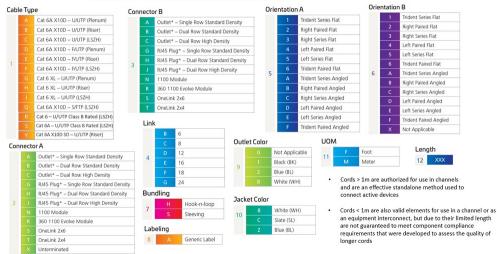
Page 1 of 5

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



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

#### Included Products

2071E-4/23

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

Page 2 of 5

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## 2071E-4/23



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

#### Product Classification

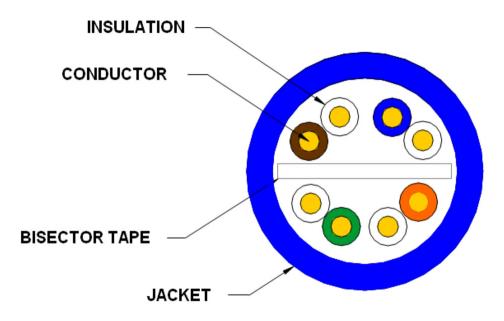
Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	SYSTIMAX®
Product Type	Twisted pair cable
Product Brand	GigaSPEED XL®
General Specifications	
Product Number	2071E
ANSI/TIA Category	6
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor 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

Page 3 of 5

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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** 

Page 4 of 5

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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

Page 5 of 5

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