

# CGGGB | IP06-06PUTP-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

## Product Classification

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

## General Specifications

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

## Dimensions

<b>Cable Assembly Length Range (m)</b>	2 – 100
<b>Cable Assembly Length Range (ft)</b>	7 – 328

## Electrical Specifications

<b>dc Resistance, maximum</b>	0.3 ohm
<b>Safety Voltage Rating</b>	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

Cable Type	Connector B	Orientation A	Orientation B
<b>1</b>	<b>A</b> Outlet* – Single Row Standard Density	<b>1</b> Trident Series Flat	<b>1</b> Trident Series Flat
<b>B</b> Cat 6A X10D – U/UTP (Plenum)	<b>B</b> Outlet* – Dual Row Standard Density	<b>2</b> Right Paired Flat	<b>2</b> Right Paired Flat
<b>C</b> Cat 6A X10D – U/UTP (Riser)	<b>C</b> Outlet* – Dual Row Standard Density	<b>3</b> Right Series Flat	<b>3</b> Right Series Flat
<b>D</b> Cat 6A X10D – U/UTP (LSZH)	<b>G</b> RJ45 Plug* – Single Row Standard Density	<b>4</b> Left Paired Flat	<b>4</b> Left Paired Flat
<b>E</b> Cat 6A X10D – F/UTP (Plenum)	<b>H</b> RJ45 Plug* – Dual Row Standard Density	<b>5</b> Left Series Flat	<b>5</b> Left Series Flat
<b>F</b> Cat 6A X10D – F/UTP (Riser)	<b>J</b> RJ45 Plug* – Dual Row High Density	<b>6</b> Trident Paired Flat	<b>6</b> Trident Paired Flat
<b>G</b> Cat 6A X10D – F/UTP (LSZH)	<b>N</b> 1100 Module	<b>A</b> Trident Series Angled	<b>A</b> Trident Series Angled
<b>H</b> Cat 6 XL – U/UTP (Plenum)	<b>R</b> 360 1100 Evolve Module	<b>B</b> Right Paired Angled	<b>B</b> Right Paired Angled
<b>I</b> Cat 6 XL – U/UTP (Riser)	<b>S</b> OneLink 2x6	<b>C</b> Right Series Angled	<b>C</b> Right Series Angled
<b>J</b> Cat 6 XL – U/UTP (LSZH)	<b>T</b> OneLink 2x4	<b>D</b> Left Paired Angled	<b>D</b> Left Paired Angled
<b>K</b> Cat 6A X10D – S/FTP (LSZH)		<b>E</b> Left Series Angled	<b>E</b> Left Series Angled
<b>L</b> Cat 6 – U/UTP Class B Rated (LSZH)		<b>F</b> Trident Paired Angled	<b>F</b> Trident Paired Angled
<b>M</b> Cat 6A – U/UTP Class B Rated (LSZH)			<b>X</b> Not Applicable
<b>N</b> Cat 6A X10D SD – U/UTP (Riser)			

Connector A	Link	Outlet Color	UOM	Length
<b>A</b> Outlet* – Single Row Standard Density	<b>B</b> 6	<b>0</b> Not Applicable	<b>11</b> <b>F</b> Foot	<b>12</b> <b>XXX</b>
<b>B</b> Outlet* – Dual Row Standard Density	<b>C</b> 8	<b>1</b> Black (BK)	<b>M</b> Meter	
<b>C</b> Outlet* – Dual Row High Density	<b>D</b> 12	<b>2</b> Blue (BL)		
<b>G</b> RJ45 Plug* – Single Row Standard Density	<b>E</b> 16	<b>3</b> White (WH)		
<b>H</b> RJ45 Plug* – Dual Row Standard Density	<b>F</b> 18			
<b>J</b> RJ45 Plug* – Dual Row High Density	<b>G</b> 24			
<b>2</b>				
<b>N</b> 1100 Module				
<b>R</b> 360 1100 Evolve Module				
<b>S</b> OneLink 2x6				
<b>T</b> OneLink 2x4				
<b>X</b> Unterminated				

Bundling	Jacket Color	Labeling
<b>7</b> <b>H</b> Hook-n-loop	<b>10</b> <b>B</b> White (WH)	<b>8</b> <b>A</b> Generic Label
<b>S</b> Sleaving	<b>C</b> Slate (SL)	
	<b>Z</b> Blue (BL)	

- 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

<b>Operating Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Environmental Space</b>	Plenum
<b>Flammability Rating</b>	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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
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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# 2071E-4/23

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

## Product Classification

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

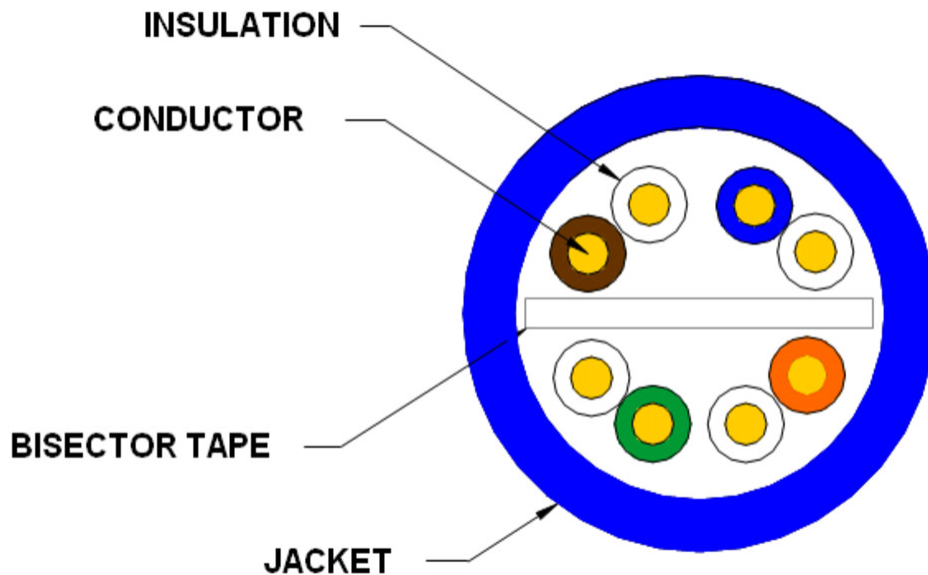
## General Specifications

<b>Product Number</b>	2071E
<b>ANSI/TIA Category</b>	6
<b>Cable Component Type</b>	Horizontal
<b>Cable Type</b>	U/UTP (unshielded)
<b>Conductor Type, singles</b>	Solid
<b>Conductors, quantity</b>	8
<b>Pairs, quantity</b>	4
<b>Separator Type</b>	Bisector
<b>Transmission Standards</b>	ANSI/TIA-568.2-D   CENELEC EN 50288-6-1   ISO/IEC 11801 Class E

## Dimensions

<b>Diameter Over Jacket, nominal</b>	5.74 mm   0.226 in
<b>Jacket Thickness</b>	0.559 mm   0.022 in
<b>Conductor Gauge, singles</b>	23 AWG

## Cross Section Drawing



## Electrical Specifications

<b>dc Resistance Unbalance, maximum</b>	5 %
<b>dc Resistance, maximum</b>	7.61 ohms/100 m   2.32 ohms/100 ft
<b>Dielectric Strength, minimum</b>	1500 Vac   2500 Vdc
<b>Mutual Capacitance at Frequency</b>	5.6 nF/100 m @ 1 kHz
<b>Nominal Velocity of Propagation (NVP)</b>	71 %
<b>Operating Frequency, maximum</b>	300 MHz
<b>Operating Voltage, maximum</b>	80 V
<b>Remote Powering</b>	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

<b>Conductor Material</b>	Bare copper
<b>Insulation Material</b>	FEP   Polyolefin
<b>Jacket Material</b>	PVC
<b>Separator Material</b>	Flame retardant polyolefin

## Mechanical Specifications

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**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

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