

# CHGRG | IP06-24RUTP-PG1S-1100E

## Base Product



InstaPATCH® Cu GigaSPEED XL® U/UTP Riser Preterminated Copper Cable, single row standard density RJ45 plug to 360 1100 Evolve module, 24 links

This product will be discontinued on: January 31, 2025

## 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>	360 1100 Evolve module
<b>Interface Feature, connector B</b>	Standard
<b>Link Count</b>	24
<b>Wiring</b>	T568B

## Dimensions

<b>Cable Assembly Length Range (m)</b>	2 – 30
<b>Cable Assembly Length Range (ft)</b>	7 – 98

## Electrical Specifications

<b>dc Resistance, maximum</b>	0.3 ohm
<b>Safety Voltage Rating</b>	300 V

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## Ordering Tree

C A A A C - 1 1 H A B B F 0 5 0

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

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

Bundling	Jacket Color	Labeling
7 H Hook-n-Loop	10 B White (WH)	8 A Generic Label
S Sleaving	C Slate (SL)	
	Z 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>	Riser
<b>Flammability Rating</b>	UL 94 V-0

## Regulatory Compliance/Certifications

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

## Included Products

- 1071E-4/23 – GigaSPEED XL® 1071E ETL Verified Category 6 U/UTP Cable, non-plenum, 4 pair count
- 760151167 – SYSTIMAX 360™ GigaSPEED XL® 1100GS3 Evolve Category 6 U/UTP Distribution Module, 6 port
- 360-IPR-1100-GS3-DM6

# 1071E-4/23

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GigaSPEED XL® 1071E ETL Verified Category 6 U/UTP Cable, non-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®
<b>Ordering Note</b>	Not available in Europe, the Middle East, or Africa

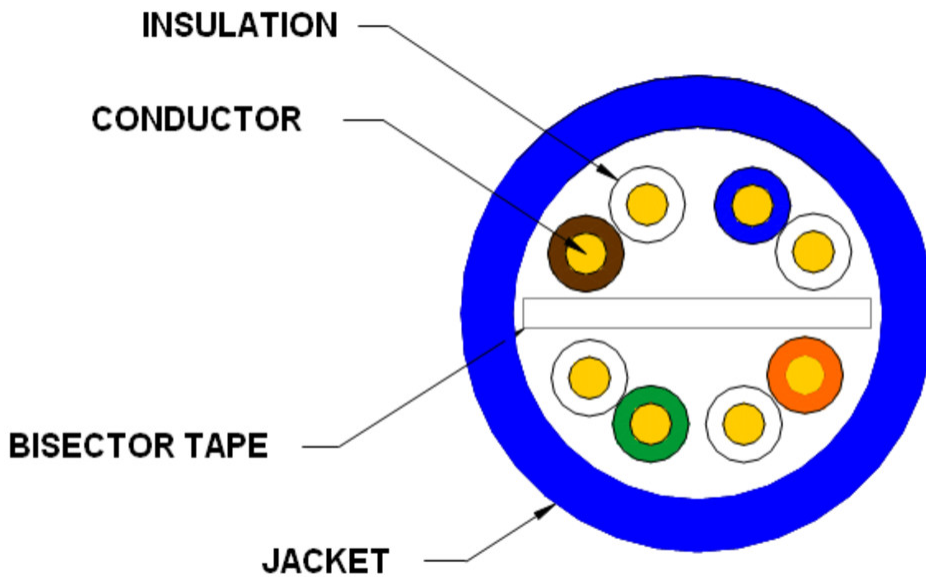
## General Specifications

<b>Product Number</b>	1071E
<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>	5.893 mm   0.232 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>	69 %
<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>	Polyolefin
<b>Jacket Material</b>	PVC
<b>Separator Material</b>	Polyolefin

## Mechanical Specifications

# 1071E-4/23

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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** Non-plenum

**Temperature Rating, UL** 75 °C | 167 °F

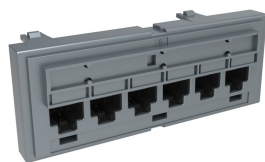
**Flame Test Method** CMG | CMR

## Packaging and Weights

**Cable weight** 38.097 kg/km | 25.6 lb/kft

## Regulatory Compliance/Certifications

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



## SYSTIMAX 360™ GigaSPEED XL® 1100GS3 Evolve Category 6 U/UTP Distribution Module, 6 port

### Product Classification

#### Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

#### Portfolio

SYSTIMAX®

#### Product Type

Module

#### Product Brand

GigaSPEED XL®

### General Specifications

#### ANSI/TIA Category

6

#### Cable Type

Unshielded

#### Color

Cool gray

#### Conductor Type

Solid | Stranded

#### Intelligence Type

iPatch® ready

#### Modules, quantity

1

#### Rack Type

EIA 19 in

#### Rack Units

1

#### Termination Type

IDC

#### Total Ports, quantity

6

#### Wiring

T568A | T568B

### Dimensions

#### Height

43.688 mm | 1.72 in

#### Width

106.68 mm | 4.2 in

#### Depth

27.432 mm | 1.08 in

#### Compatible Diameter Over Dielectric, maximum

1.168 mm | 0.046 in

#### Compatible Diameter Over Dielectric, minimum

0.762 mm | 0.03 in

#### Compatible Conductor Gauge, solid

22 AWG | 24 AWG

# 760151167 | 360-IPR-1100-GS3-DM6

**Compatible Conductor Gauge, stranded**

22 AWG | 24 AWG

## Electrical Specifications

**Current Rating at Temperature**

1.5 A @ 20 °C | 1.5 A @ 68 °F

**Dielectric Withstand Voltage, RMS, conductive surface**

1,500 Vac @ 60 Hz

**Dielectric Withstand Voltage, RMS, contact-to-contact**

1,000 Vac @ 60 Hz

**Insulation Resistance, minimum**

500 MOhm

## Material Specifications

**Contact Plating Material**

Precious metals

**Material Type**

High-impact, flame retardant, thermoplastic | Powder-coated steel

**Termination Contact Plating**

Nickel

## Mechanical Specifications

**Plug Insertion Life, minimum**

750 times

**Plug Insertion Life, test plug**

IEC 60603-7 compliant plug

**Plug Retention Force, minimum**

133.447 N | 30 lbf

## Environmental Specifications

**Operating Temperature**

-10 °C to +60 °C (+14 °F to +140 °F)

**Storage Temperature**

-40 °C to +70 °C (-40 °F to +158 °F)

**Relative Humidity**

Up to 95%, non-condensing

**Flammability Rating**

UL 94 V-0

**Safety Standard**

UL | cUL

## Packaging and Weights

**Packaging quantity**

1

**Weight, net**

0.068 kg | 0.15 lb

## 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](http://www.commscope.com/ProductCompliance)

ROHS Compliant

UK-ROHS Compliant

