

# CJRNF | IPO6-18LUTP-1100E-1100L

## Base Product



InstaPATCH® Cu GigaSPEED XL® U/UTP LSZH Preterminated Copper Cable, 360 1100 module to 1100 module, 18 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>	360 1100 Evolve module
<b>Interface Feature, connector A</b>	Standard
<b>Interface, Connector B</b>	1100 module
<b>Interface Feature, connector B</b>	Standard
<b>Link Count</b>	18
<b>Wiring</b>	T568B

## Dimensions

<b>Cable Assembly Length Range (m)</b>	2 – 90
<b>Cable Assembly Length Range (ft)</b>	7 – 295

## Electrical Specifications

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

## Ordering Tree

# CJRNFB | IPO6-18LUTP-1100E-1100L

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
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
K Cat 6A X10D – S/FTP (LSZH)	T OneLink 2x4	D Left Paired Angled	D Left Paired Angled
L Cat 6 – U/UTP Class B Rated (LSZH)		E Left Series Angled	E Left Series Angled
M Cat 6A – U/UTP Class B Rated (LSZH)		F Trident Paired Angled	F Trident Paired Angled
N 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	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	3 Blue (BL)		
H RJ45 Plug* – Dual Row Standard Density	F 18	B White (WH)		
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
H Hook-n-loop	8 White (WH)	A Generic Label
S Sleaving	10 Slate (SL)	
	Z Blue (BL)	

## Environmental Specifications

<b>Operating Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Environmental Space</b>	Low Smoke Zero Halogen (LSZH)
<b>Flammability Rating</b>	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
760151167 360-IPR-1100-GS3-DM6	–	SYSTMIX 360™ GigaSPEED XL® 1100GS3 Evolve Category 6 U/UTP Distribution Module, 6 port

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GigaSPEED XL® 3071 ETL Verified Category 6 U/UTP Cable, low smoke zero halogen, 4 pair count

## Product Classification

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

## General Specifications

<b>Product Number</b>	3071E
<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>	5.918 mm   0.233 in
<b>Jacket Thickness</b>	0.508 mm   0.02 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>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>	Low Smoke Zero Halogen (LSZH)
<b>Separator Material</b>	Polyolefin

## Mechanical Specifications

<b>Pulling Tension, maximum</b>	11.34 kg   25 lb
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## Environmental Specifications

<b>Installation temperature</b>	0 °C to +60 °C (+32 °F to +140 °F)
<b>Operating Temperature</b>	-20 °C to +60 °C (-4 °F to +140 °F)
<b>Acid Gas Test Method</b>	IEC 60754-2
<b>Environmental Space</b>	Low Smoke Zero Halogen (LSZH)
<b>Flame Test Method</b>	IEC 60332-3-22
<b>Smoke Test Method</b>	IEC 61034-2

## Packaging and Weights

<b>Cable weight</b>	37.204 kg/km   25 lb/kft
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## 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

