# CGRRB | IP06-06PUTP-1100E-1100E

#### **Base Product**



# InstaPATCH® Cu GigaSPEED XL® U/UTP Plenum Preterminated Copper Cable, 360 1100 Evolve module to 360 1100 Evolve module, 6 links

#### This product will be discontinued on: January 31, 2025

#### Product Classification

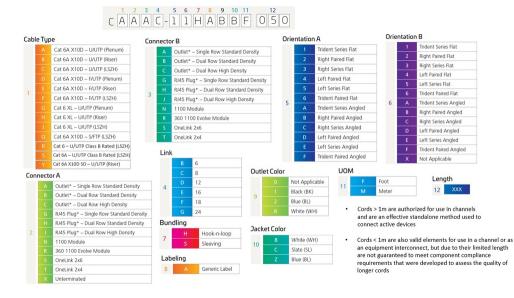
Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Portfolio	CommScope®
Product Type	Copper trunk cable assembly
Product Brand	GigaSPEED XL®   InstaPATCH® Cu
General Specifications	
ANSI/TIA Category	6
Cable Type	U/UTP (unshielded)
Conductor Type	Solid
Interface, Connector A	360 1100 Evolve module
Interface Feature, connector A	Standard
Interface, Connector B	360 1100 Evolve module
Interface Feature, connector B	Standard
Link Count	6
Wiring	T568B
Dimensions	
Cable Assembly Length Range (m)	2 - 90
Cable Assembly Length Range (ft)	7 – 295
Electrical Specifications	
dc Resistance, maximum	0.3 ohm
Safety Voltage Rating	300 V

Page 1 of 8



# CGRRB | IP06-06PUTP-1100E-1100E

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

- GigaSPEED XL® 2071E ETL Verified Category 6 U/UTP Cable, plenum, 4 pair count
- SYSTIMAX 360<sup>™</sup> GigaSPEED XL® 1100GS3 Evolve Category 6 U/UTP Distribution Module, 6 port

Page 2 of 8



## 2071E-4/23



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

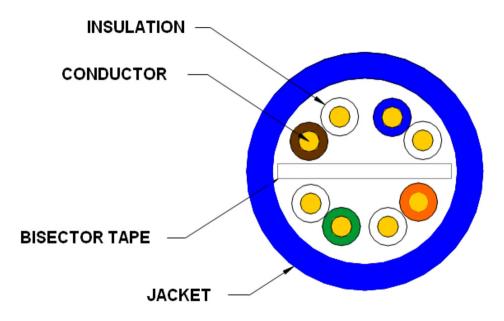
#### Product Classification

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 8





#### 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 8



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 8



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



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

Page 6 of 8



# 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)

operating remperature	
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
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REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance

Page 7 of 8

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ROHS

UK-ROHS

Compliant

Compliant

Page 8 of 8

