CJNRG | IP06-24LUTP-1100L-1100E

Base Product



InstaPATCH® Cu GigaSPEED XL® U/UTP LSZH Preterminated Copper Cable, 1100 module to 360 1100 module, 24 links

This product will be discontinued on: January 31, 2025

Product Classification

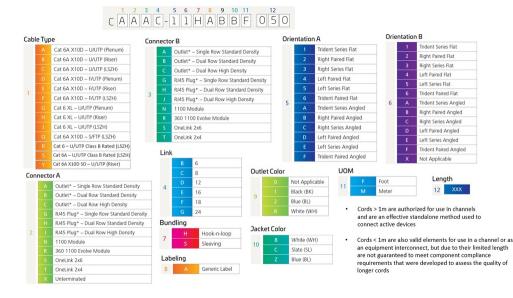
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Copper trunk cable assembly
Product Brand	GigaSPEED XL® InstaPATCH® Cu
General Specifications	
ANSI/TIA Category	6
Cable Type	U/UTP (unshielded)
Conductor Type	Solid
Interface, Connector A	1100 module
Interface Feature, connector A	Standard
Interface, Connector B	360 1100 Evolve module
Interface Feature, connector B	Standard
Link Count	24
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



CJNRG | IPO6-24LUTP-1100L-1100E

Ordering Tree



Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flammability Rating	UL 94 V-0

Regulatory Compliance/Certifications

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

Page 2 of 8





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

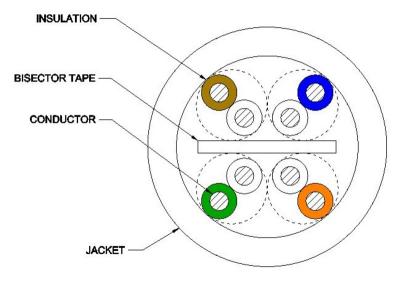
Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America
Portfolio	SYSTIMAX®
Product Type	Twisted pair cable
Product Brand	GigaSPEED XL®
General Specifications	
Product Number	3071E
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	5.918 mm 0.233 in
Jacket Thickness	0.508 mm 0.02 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
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	69 %
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	Polyolefin
Jacket Material	Low Smoke Zero Halogen (LSZH)
Separator Material	Polyolefin
Mechanical Specifications	

Mechanical Specifications

Pulling Tension, maximum

11.34 kg | 25 lb

Page 4 of 8



3071E-4/23

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)
Acid Gas Test Method	IEC 60754-2
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	IEC 60332-3-22
Smoke Test Method	IEC 61034-2

Packaging and Weights

Cable weight

37.204 kg/km | 25 lb/kft

Regulatory Compliance/Certifications

Classification

Agency

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
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

Page 7 of 8

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: May 18, 2024

COMMSCOPE°

760151167 | 360-IPR-1100-GS3-DM6

ROHS

UK-ROHS

Compliant

Compliant

Page 8 of 8

