CHGGG | IPO6-24RUTP-PLUG-PLUG

Base Product



InstaPATCH® Cu GigaSPEED XL® U/UTP Riser Preterminated Copper Cable, RJ45 to RJ45, 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	RJ45 plug	
Interface Feature, connector A	Single row Standard density	
Interface, Connector B	RJ45 plug	
Interface Feature, connector B	Single row Standard density	
Link Count	24	
Wiring	T568B	
Dimensions		
Cable Assembly Length Range (m)	2 - 100	
Cable Assembly Length Range (ft)	7 – 328	
Electrical Specifications		
dc Resistance, maximum	0.3 ohm	
Safety Voltage Rating	300 V	

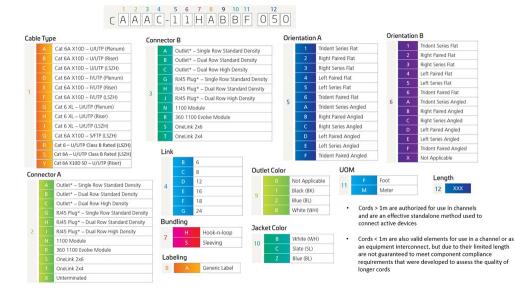
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Ordering Tree



Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Environmental Space	Riser
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

1071E-4/23

GigaSPEED XL® 1071E ETL Verified Category 6 U/UTP Cable, non-plenum, 4 pair count

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X

GigaSPEED XL® 1071E ETL Verified Category 6 U/UTP Cable, nonplenum, 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®
Ordering Note	Not available in Europe, the Middle East, or Africa
General Specifications	
Product Number	1071E
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	5.893 mm 0.232 in
Jacket Thickness	0.559 mm 0.022 in
Conductor Gauge, singles	23 AWG

Cross Section Drawing

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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)	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	PVC

Separator Material

Mechanical Specifications

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Polyolefin



1071E-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	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

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

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