# CCHNG | IP6A-24LUTP-PG2S-1100L

#### **Base Product**



InstaPATCH® Cu GigaSPEED X10D® U/UTP LSZH Preterminated Copper Cable, dual row standard density RJ45 plug to 1100 module, 24 links

### Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America	
Portfolio	CommScope®	
Product Type	Copper trunk cable assembly	
Product Brand	GigaSPEED X10D®   InstaPATCH® Cu	
General Specifications		
ANSI/TIA Category	6A	
Cable Type	U/UTP (unshielded)	
Conductor Type	Solid	
Interface, Connector A	RJ45 plug	
Interface Feature, connector A	Dual row   Standard density	
Interface, Connector B	1100 module	
Interface Feature, connector B	Standard	
Link Count	24	
Wiring	T568B	
Dimensions		
Cable Assembly Length Range (m)	2 - 30	
Cable Assembly Length Range (ft)	7 – 98	
Electrical Specifications		
dc Resistance, maximum	0.3 ohm	
Safety Voltage Rating	300 V	

## Ordering Tree

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#### CAAAC-11HABBF050



#### **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

#### Classification

ISO 9001:2015

Agency

Designed, manufactured and/or distributed under this quality management system

#### Included Products

3095B-4/24

GigaSPEED X10D® 3095B Category 6A U/UTP Cable, non-plenum, 4 pair count

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#### GigaSPEED X10D® 3095B Category 6A U/UTP Cable, non-plenum, 4 pair count

#### Product Classification

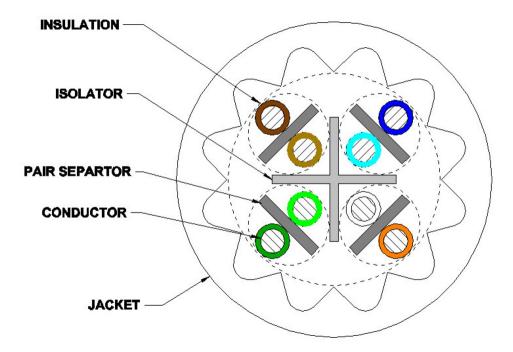
Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America	
Portfolio	SYSTIMAX®	
Product Type	Twisted pair cable	
Product Brand	GigaSPEED X10D®	
General Specifications		
Product Number	3095B	
ANSI/TIA Category	6A	
Cable Component Type	Cordage	
Cable Type	U/UTP (unshielded)	
Conductor Type, singles	Solid	
Conductors, quantity	8	
Pairs, quantity	4	
Separator Type	Isolator	
Transmission Standards	ANSI/TIA-568.2-D	
Dimensions		
Diameter Over Jacket, nominal	7.239 mm   0.285 in	
Jacket Thickness	1.524 mm   0.06 in	
Conductor Gauge, singles	24 AWG	

### Cross Section Drawing

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### **Electrical Specifications**

Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance Unbalance, maximum	4 %
dc Resistance, maximum	9.38 ohms/100 m   2.859 ohms/100 ft
Dielectric Strength, minimum	1500 Vac   2500 Vdc
Mutual Capacitance at Frequency	6.0 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	67 %
Operating Frequency, maximum	550 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
Safety Voltage Rating	300 V
Material Specifications	
Conductor Material	Bare copper

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## 3095B-4/24

Insulation Material	Polyolefin
Jacket Material	Low Smoke Zero Halogen (LSZH)
Separator Material	Polyolefin
Separator 2 Material	Polyolefin
Mechanical Specifications	
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)
Acid Gas Test Method	IEC 60754-2
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s2
EN50575 CPR Cable EuroClass Droplets Rating	d2
EN50575 CPR Cable EuroClass Acidity Rating	a1
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

52.741 kg/km | 35.44 lb/kft

#### Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
ISO 9001:2015 <b>Cenelec</b>	Designed, manufactured and/or distributed under this quality management system
GENELEG	

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