# CANXG | IP6A-24PUTP-1100L-BLUNT

#### **Base Product**



# InstaPATCH® Cu GigaSPEED X10D® U/UTP Plenum Preterminated Copper Cable, 1100 module to unterminated, 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** бA U/UTP (unshielded) Cable Type **Conductor Type** Solid Interface, Connector A 1100 module Interface Feature, connector A Standard Interface, Connector B Unterminated Link Count 24 Wiring T568B Dimensions Cable Assembly Length Range (m) 5 - 90 Cable Assembly Length Range (ft) 17 - 295 **Electrical Specifications** 0.3 ohm dc Resistance, maximum 300 V Safety Voltage Rating

### Ordering Tree

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### CAAAC-11HABBF050



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

### Included Products

2091B-4/23

GigaSPEED X10D® 2091B ETL Verified Category 6A U/UTP Cable, 4 pair count

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## 2091B-4/23



GigaSPEED X10D® 2091B ETL Verified Category 6A U/UTP Cable, 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 X10D®	
General Specifications		
Product Number	2091B	
ANSI/TIA Category	6A	
Cable Component Type	Horizontal	
Cable Type	U/UTP (unshielded)	
Conductor Type, singles	Solid	
Conductors, quantity	8	
Note	Consult ANSI/TIA-568-C.2 Annex G for length de-rating guidance for cable installation in higher temperature environments	
Pairs, quantity	4	
Separator Type	Isolator	
Transmission Standards	ANSI/TIA-568.2-D   ISO/IEC 11801 Class EA	
Dimensions		
Diameter Over Jacket, nominal	7.239 mm   0.285 in	
Jacket Thickness	1.295 mm   0.051 in	
Conductor Gauge, singles	23 AWG	

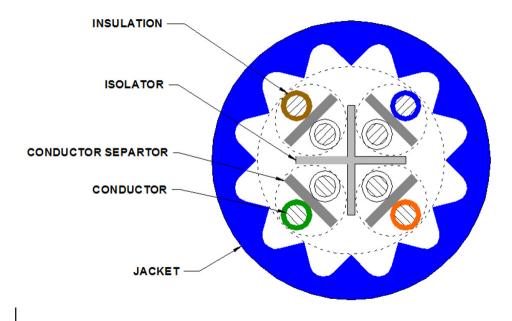
### Cross Section Drawing

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### 2091B-4/23



Electrical Specifications

dc Resistance Unbalance, maximum	4 %
dc Resistance, maximum	7.61 ohms/100 m   2.32 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)	66 %
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

### Material Specifications

Conductor Material	Bare copper
Insulation Material	FEP
Jacket Material	PVC
Separator Material	FEP
Separator 2 Material	Polyolefin

### Mechanical Specifications

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2091B-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 +75 °C (-4 °F to +167 °F)
Environmental Space	Plenum
Temperature Rating, UL	105 °C   221 °F
Flame Test Method	CMP/FT6
Safety Standard	UL 444
Smoke Test Method	CMP/FT6   NFPA 262

### Packaging and Weights

**Cable weight** 

60.568 kg/km | 40.7 lb/kft

#### Regulatory Compliance/Certifications

Classification

Agency ISO 9001:2015

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

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