## CBHNB | IP6A-06RUTP-PG2S-1100L

#### **Base Product**



InstaPATCH® Cu GigaSPEED X10D® U/UTP Riser Preterminated Copper Cable, dual row standard density RJ45 plug to 1100 module, 6 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 6

Wiring T568B

**Dimensions** 

Cable Assembly Length Range (m) 2 - 30

Cable Assembly Length Range (ft) 7 - 98

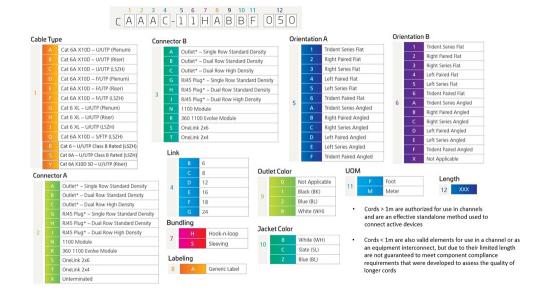
**Electrical Specifications** 

dc Resistance, maximum0.3 ohmSafety Voltage Rating300 V

Ordering Tree



## CBHNB | IP6A-06RUTP-PG2S-1100L



## **Environmental Specifications**

**Operating Temperature**  $-10 \,^{\circ}\text{C} \text{ to } +60 \,^{\circ}\text{C} \text{ (+14 °F to +140 °F)}$ 

Environmental Space Riser

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

1095B-4/24 – GigaSPEED X10D® 1095B Category 6A U/UTP Cable, non-plenum, 4 pair count



# 1095B-4/24

### GigaSPEED X10D® 1095B Category 6A U/UTP Cable, non-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 X10D®

General Specifications

Product Number 1095B
ANSI/TIA Category 6A

Cable Component Type Cordage

Cable Type U/UTP (unshielded)

Conductor Type, singlesSolidConductors, quantity8Pairs, quantity4

Separator Type Isolator

**Transmission Standards** ANSI/TIA-568.2-D

**Dimensions** 

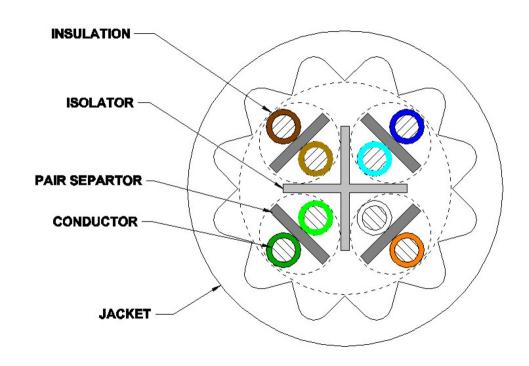
Diameter Over Jacket, nominal7.239 mm | 0.285 inJacket Thickness1.524 mm | 0.06 in

Conductor Gauge, singles 24 AWG

Cross Section Drawing



## 1095B-4/24



### **Electrical Specifications**

Characteristic Impedance100 ohmCharacteristic Impedance Tolerance±15 ohm

dc Resistance Unbalance, maximum 4 %

**dc Resistance, maximum** 9.38 ohms/100 m | 2.859 ohms/100 ft

Dielectric Strength, minimum1500 Vac | 2500 VdcMutual Capacitance at Frequency6.0 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 MaterialBare copperInsulation MaterialPolyolefin

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Jacket Material PVC

Separator MaterialPolyolefinSeparator 2 MaterialPolyolefin

Mechanical Specifications

**Pulling Tension, maximum** 11.34 kg | 25 lb

**Environmental Specifications** 

Installation temperature  $0 \,^{\circ}\text{C}$  to +60  $^{\circ}\text{C}$  (+32  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

Operating Temperature  $-20 \,^{\circ}\text{C}$  to +60  $^{\circ}\text{C}$  (-4  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

Environmental Space Non-plenum

Flame Test Method CM

Packaging and Weights

**Cable weight** 55.047 kg/km | 36.99 lb/kft

Regulatory Compliance/Certifications

Agency Classification

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

