CBHHG | IP6A-24RUTP-PG2S-PG2S

Base Product



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

Interface Feature, connector B Dual row | Standard density

Link Count 24

Wiring T568B

Dimensions

Cable Assembly Length Range (m)2-80Cable Assembly Length Range (ft)7-262

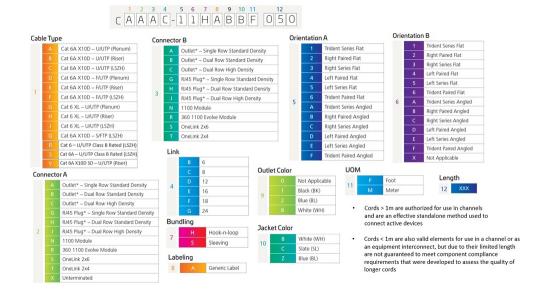
Electrical Specifications

dc Resistance, maximum0.3 ohmSafety Voltage Rating300 V

Ordering Tree



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Environmental Specifications

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

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

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

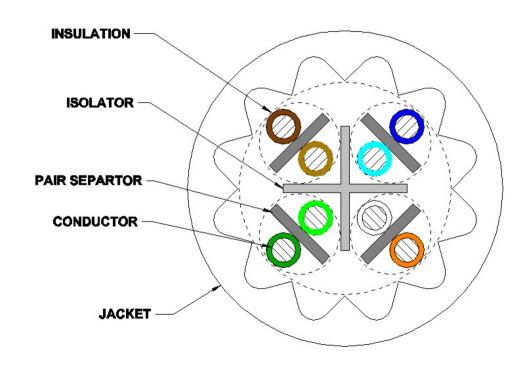
Diameter Over Jacket, nominal7.239 mm | 0.285 inJacket Thickness1.524 mm | 0.06 in

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 PoweringFully 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

Page 4 of 5

1095B-4/24

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

