CJHHG | IPO6-24LUTP-PG2S-PG2S



InstaPATCH® Cu GigaSPEED XL® U/UTP LSZH Preterminated Copper Cable, dual row standard density RJ45 plug to dual row standard density RJ45 plug, 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 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 - 100

Cable Assembly Length Range (ft) 7 - 328

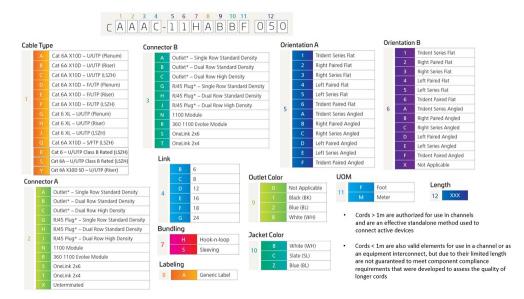
Electrical Specifications

dc Resistance, maximum0.3 ohmSafety Voltage Rating300 V

COMMSCOPE®

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Ordering Tree



Environmental Specifications

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

Environmental Space Low Smoke Zero Halogen (LSZH)

Flammability Rating UL 94 V-0

Regulatory Compliance/Certifications

Agency Classification

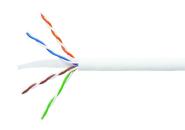
ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

Included Products

3071E-4/23 – GigaSPEED XL® 3071 ETL Verified Category 6 U/UTP Cable, low smoke zero halogen, 4 pair

count





GigaSPEED XL® 3071 ETL Verified Category 6 U/UTP Cable, low smoke zero halogen, 4 pair count

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America

Portfolio SYSTIMAX®

Product Type Twisted pair cable
Product Brand GigaSPEED XL®

General Specifications

Product Number 3071E

ANSI/TIA Category 6

Cable Component Type Horizontal

Cable Type U/UTP (unshielded)

Conductor Type, singlesSolidConductors, quantity8

Pairs, quantity 4

Transmission Standards ANSI/TIA-568.2-D | CENELEC EN 50288-6-1 | ISO/IEC 11801 Class E

Bisector

Dimensions

Separator Type

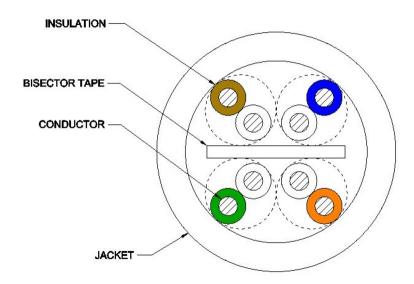
Diameter Over Jacket, nominal5.918 mm | 0.233 inJacket Thickness0.508 mm | 0.02 in

Conductor Gauge, singles 23 AWG

Cross Section Drawing



3071E-4/23



Electrical Specifications

dc Resistance Unbalance, maximum 5 %

dc Resistance, maximum 7.61 ohms/100 m | 2.32 ohms/100 ft

Mutual Capacitance at Frequency 5.6 nF/100 m @ 1 kHz

Nominal Velocity of Propagation (NVP) 69 %

Operating Frequency, maximum300 MHzOperating Voltage, maximum80 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 MaterialBare copperInsulation MaterialPolyolefin

Jacket Material Low Smoke Zero Halogen (LSZH)

Separator Material Polyolefin

Mechanical Specifications

Pulling Tension, maximum 11.34 kg | 25 lb



3071E-4/23

Environmental Specifications

Installation temperature $0 \, ^{\circ}\text{C} \, \text{to} +60 \, ^{\circ}\text{C} \, (+32 \, ^{\circ}\text{F to} +140 \, ^{\circ}\text{F})$ Operating Temperature $-20 \, ^{\circ}\text{C} \, \text{to} +60 \, ^{\circ}\text{C} \, (-4 \, ^{\circ}\text{F to} +140 \, ^{\circ}\text{F})$

Acid Gas Test Method IEC 60754-2

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 37.204 kg/km | 25 lb/kft

Regulatory Compliance/Certifications

Agency Classification

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

