CCHRG | IP6A-24LUTP-PG2S-1100E

Base Product



InstaPATCH® Cu GigaSPEED X10D® U/UTP LSZH Preterminated Copper Cable, dual row standard density RJ45 plug to 360 1100 Evolve 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 360 1100 Evolve module

Interface Feature, connector B Standard

Link Count 24

Wiring T568B

Dimensions

Cable Assembly Length Range (m)2-30Cable Assembly Length Range (ft)7-98

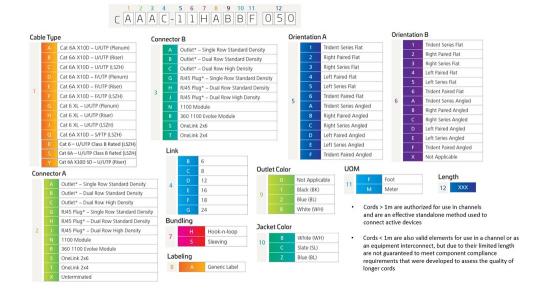
Electrical Specifications

dc Resistance, maximum0.3 ohmSafety Voltage Rating300 V

Ordering Tree



IP6A-24LUTP-PG2S-1100E CCHRG



Environmental Specifications

-10 °C to +60 °C (+14 °F to +140 °F) **Operating Temperature**

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

GigaSPEED X10D® 3095B Category 6A U/UTP Cable, non-plenum, 4 pair count 3095B-4/24

SYSTIMAX 360™ GigaSPEED X10D® 1100GS6 Evolve Category 6A U/UTP Distribution Module, 760151183 360-IPR-1100-GS6-DM6

6 port



3095B-4/24

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, singlesSolidConductors, quantity8Pairs, quantity4

Separator Type Isolator

Transmission Standards ANSI/TIA-568.2-D

Dimensions

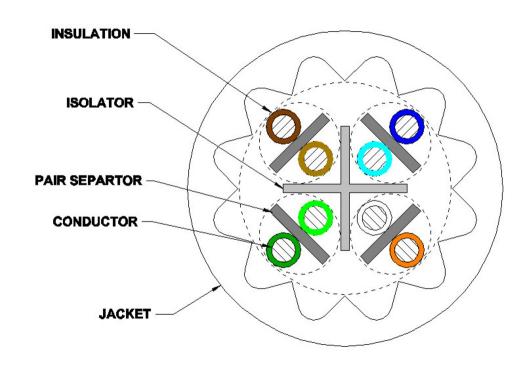
Diameter Over Jacket, nominal7.239 mm0.285 inJacket Thickness1.524 mm0.06 in

Conductor Gauge, singles 24 AWG

Cross Section Drawing



3095B-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, 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 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 Material Bare copper

COMMSCOPE®

3095B-4/24

Insulation Material Polyolefin

Jacket Material Low Smoke Zero Halogen (LSZH)

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 $^{\circ}\text{F}$)

Acid Gas Test Method IEC 60754-2

EN50575 CPR Cable EuroClass Fire PerformanceDcaEN50575 CPR Cable EuroClass Smoke Ratings2EN50575 CPR Cable EuroClass Droplets Ratingd2EN50575 CPR Cable EuroClass Acidity Ratinga1

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

CENELEC



760151183 | 360-IPR-1100-GS6-DM6



SYSTIMAX 360™ GigaSPEED X10D® 1100GS6 Evolve Category 6A U /UTP Distribution Module, 6 port

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin

America | North America

Portfolio SYSTIMAX®

Product Type Module

Product Brand GigaSPEED X10D® | SYSTIMAX 360™

General Specifications

ANSI/TIA Category 6A

Cable TypeUnshieldedColorCool gray

Conductor Type Solid | Stranded

Intelligence Type iPatch® ready

Modules, quantity 1

Rack Type EIA 19 in

Rack Units 1
Termination Type IDC
Total Ports, quantity 6

Wiring T568A | T568B

Dimensions

 Height
 43.688 mm | 1.72 in

 Width
 482.6 mm | 19 in

 Depth
 28.702 mm | 1.13 in

 Compatible Diameter Over Dielectric, maximum
 1.168 mm | 0.046 in

Page 6 of 8



760151183 | 360-IPR-1100-GS6-DM6

Compatible Diameter Over Dielectric, minimum0.762 mm0.03 inCompatible Conductor Gauge, solid22 AWG24 AWGCompatible Conductor Gauge, stranded22 AWG24 AWG

Electrical Specifications

Current Rating at Temperature 1.5 A @ 20 °C | 1.5 A @ 68 °F

Dielectric Withstand Voltage, RMS, conductive surface1,500 Vac @ 60 HzDielectric Withstand Voltage, RMS, contact-to-contact1,000 Vac @ 60 Hz

Insulation Resistance, minimum 500 MOhm

Material Specifications

Contact Plating Material Precious metals

Material Type High-impact, flame retardant, thermoplastic | Powder-

coated steel

Termination Contact Plating Nickel

Mechanical Specifications

Plug Insertion Life, minimum 750 times

Plug Insertion Life, test plug IEC 60603-7 compliant plug

Plug Retention Force, minimum 133.447 N | 30 lbf

Environmental Specifications

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

Storage Temperature $-40 \,^{\circ}\text{C}$ to $+70 \,^{\circ}\text{C}$ ($-40 \,^{\circ}\text{F}$ to $+158 \,^{\circ}\text{F}$)

Relative HumidityUp to 95%, non-condensing

Flammability Rating UL 94 V-0
Safety Standard UL | cUL

Packaging and Weights

Packaging quantity 1

Weight, net 0.073 kg | 0.16 lb

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Below maximum concentration value

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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

