CCBRB | IP6A-06LUTP-02S-1100E

Base Product



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

Interface Feature, connector A Dual row | Standard density

Interface, Connector B 360 1100 Evolve module

Interface Feature, connector B Standard

Link Count 6

Wiring T568B

Dimensions

Cable Assembly Length Range (m) 5 – 90

Cable Assembly Length Range (ft) 17 – 295

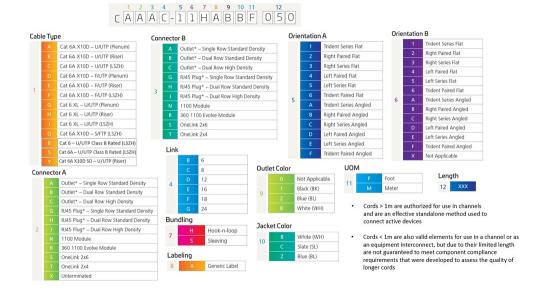
Electrical Specifications

dc Resistance, maximum 0.3 ohm
Safety Voltage Rating 300 V

Ordering Tree



IP6A-06LUTP-02S-1100E CCBRB



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® 3091B ETL Verified Category 6A U/UTP Cable, 4 pair count, 3091B-4/23

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

GigaSPEED X10D® M-Series Modular Jack, RJ45, Cat6A Unshielded MGS600



GigaSPEED X10D® 3091B ETL Verified Category 6A U/UTP Cable, 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 3091B
ANSI/TIA Category 6A

Cable Component Type Horizontal

Cable Type U/UTP (unshielded)

Conductor Type, singlesSolidConductors, quantity8Pairs, quantity4

Separator Type Isolator

Transmission Standards ANSI/TIA-568.2-D | ISO/IEC 11801 Class EA

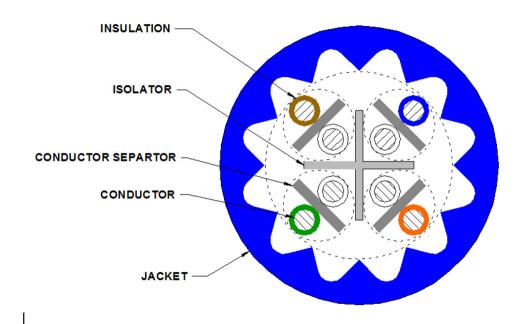
Dimensions

Diameter Over Jacket, nominal7.239 mm | 0.285 inJacket Thickness1.295 mm | 0.051 in

Conductor Gauge, singles 23 AWG

Cross Section Drawing





Electrical Specifications

dc Resistance Unbalance, maximum 4 %

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

Mutual Capacitance at Frequency 6.0 nF/100 m @ 1 kHz

Nominal Velocity of Propagation (NVP) 67 %

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 MaterialPolyolefinSeparator 2 MaterialPolyolefin

Mechanical Specifications

Pulling Tension, maximum 11.34 kg | 25 lb

COMMSCOPE°

3091B-4/23

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

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 54.913 kg/km | 36.9 lb/kft

Regulatory Compliance/Certifications

Agency Classification

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

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

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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

COMMSCOPE®

760151183 | 360-IPR-1100-GS6-DM6

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



MGS600

Base Product



GigaSPEED X10D® M-Series Modular Jack, RJ45, Cat6A Unshielded

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin

America | North America

Portfolio SYSTIMAX®

Product Type Modular jack

Product Brand GigaSPEED X10D®

Product Series MGS600

General Specifications

ANSI/TIA Category 6A

Cable Type Unshielded

Conductor Type Solid | Stranded

Termination Type IDC

Wiring T568A | T568B

Dimensions

 Height
 19.4 mm | 0.764 in

 Width
 21.08 mm | 0.83 in

 Depth
 30.2 mm | 1.189 in

 Compatible Conductor Gauge, solid
 22 AWG | 24 AWG

 Compatible Conductor Gauge, stranded
 22 AWG | 24 AWG

Electrical Specifications

 Contact Resistance Variation, maximum
 20 mOhm

 Contact Resistance, maximum
 100 mOhm

COMMSCOPE°

MGS600

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

PoE Durability

Supports IEEE 802.3bt Type 4 (90 W) applications after 3000

plug to jack mating cycles

Material Specifications

Contact Plating Material Precious metals

Material Type Copper alloy | High-impact, flame retardant, thermoplastic

Termination Contact Plating Nickel

Mechanical Specifications

Plug Retention Force, minimum 133 N | 29.9 lbf

Plug to Jack Mating Cycles Complies to IEC 60603-7 series

Environmental Specifications

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

Regulatory Compliance/Certifications

Agency Classification

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

