CCHSD | IP6A-12LUTP-PG2S-1LK12

Base Product



InstaPATCH® Cu GigaSPEED X10D® U/UTP LSZH Preterminated Copper Cable, dual row standard density RJ45 plug to dual row OneLink 2x6, 12 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 | OneLink 2x6 | | |
| Interface Feature, connector B | Standard | | |
| Link Count | 12 | | |
| Wiring | T568B | | |
| Dimensions | | | |
| Cable Assembly Length Range (m) | 2 - 80 | | |
| Cable Assembly Length Range (ft) | 7 - 262 | | |
| Electrical Specifications | | | |
| dc Resistance, maximum | 0.3 ohm | | |
| Safety Voltage Rating | 300 V | | |
| | | | |

Ordering Tree

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CCHSD | IP6A-12LUTP-PG2S-1LK12

CAAAC-11HABBF050



Environmental Specifications

| Operating Temperature | -10 °C to +60 °C (+14 °F to +140 °F) |
|-----------------------|--------------------------------------|
| Environmental Space | Low Smoke Zero Halogen (LSZH) |
| Flammability Rating | UL 94 V-0 |

Regulatory Compliance/Certifications

Classification

ISO 9001:2015

Agency

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

Included Products

3095B-4/24

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

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

Product Classification

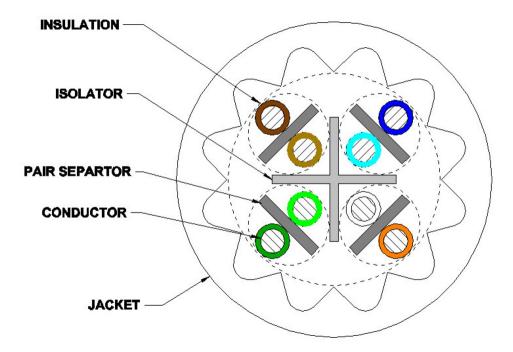
| Regional Availability | Asia Australia/New Zealand EMEA Latin America | |
|-------------------------------|---|--|
| Portfolio | SYSTIMAX® | |
| Product Type | Twisted pair cable | |
| Product Brand | GigaSPEED X10D® | |
| General Specifications | | |
| Product Number | 3095B | |
| ANSI/TIA Category | 6A | |
| Cable Component Type | Cordage | |
| Cable Type | U/UTP (unshielded) | |
| Conductor Type, singles | Solid | |
| Conductors, quantity | 8 | |
| Pairs, quantity | 4 | |
| Separator Type | Isolator | |
| Transmission Standards | ANSI/TIA-568.2-D | |
| Dimensions | | |
| Diameter Over Jacket, nominal | 7.239 mm 0.285 in | |
| Jacket Thickness | 1.524 mm 0.06 in | |
| Conductor Gauge, singles | 24 AWG | |
| | | |

Cross Section Drawing

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Electrical Specifications

| Characteristic Impedance | 100 ohm |
|---------------------------------------|---|
| Characteristic 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 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 Material | Bare copper |

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3095B-4/24

| Insulation Material | Polyolefin | |
|---------------------------|-------------------------------|--|
| Jacket Material | Low Smoke Zero Halogen (LSZH) | |
| Separator Material | Polyolefin | |
| Separator 2 Material | Polyolefin | |
| Mechanical Specifications | | |
| Pulling Tension, maximum | 11.34 kg 25 lb | |

Environmental Specifications

| Installation temperature | 0 °C to +60 °C (+32 °F to +140 °F) |
|--|-------------------------------------|
| Operating Temperature | -20 °C to +60 °C (-4 °F to +140 °F) |
| Acid Gas Test Method | IEC 60754-2 |
| EN50575 CPR Cable EuroClass Fire Performance | Dca |
| EN50575 CPR Cable EuroClass Smoke Rating | s2 |
| EN50575 CPR Cable EuroClass Droplets Rating | d2 |
| EN50575 CPR Cable EuroClass Acidity Rating | a1 |
| 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 Cenelec | Designed, manufactured and/or distributed under this quality management system |
| GENELEG | |

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