# CAGRB  |  IP6A-06PUTP-PG1S-1100E

**Base Product**

InstaPATCH® Cu GigaSPEED X10D® U/UTP Plenum Preterminated Copper Cable, single row standard density RJ45 plug 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** | RJ45 plug |
| **Interface Feature, connector A** | Single 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)** | 2 – 30 |
| **Cable Assembly Length Range (ft)** | 7 – 98 |

## Electrical Specifications

| | |
|---|---|
| **dc Resistance, maximum** | 0.3 ohm |
| **Safety Voltage Rating** | 300 V |

## Ordering Tree

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## Environmental Specifications

| | |
|---|---|
| **Operating Temperature** | -10 °C to +60 °C (+14 °F to +140 °F) |
| **Environmental Space** | Plenum |
| **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

| | | |
|---|---|---|
| 123 | – | GigaSPEED X10D® 2095B Category 6A U/UTP Cable, plenum, 4 pair count |
| 760151183 360-IPR-1100-GS6-DM6 | – | SYSTIMAX 360™ GigaSPEED X10D® 1100GS6 Evolve Category 6A U/UTP Distribution Module, 6 port |

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# GigaSPEED X10D® 2095B Category 6A U/UTP Cable, 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** | 2095B |
| **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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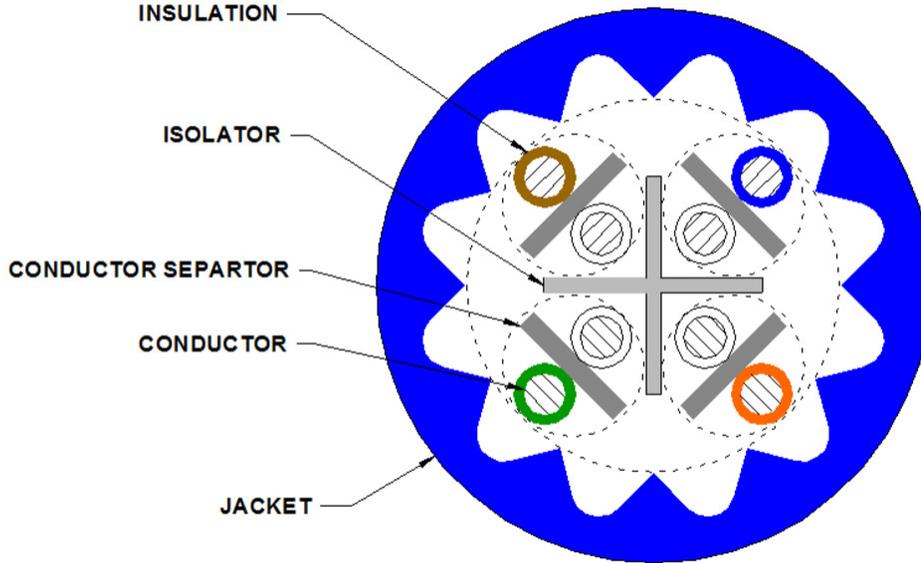
## Electrical Specifications

| | |
|---|---|
| **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 |
| **Insulation Material** | FEP |
| **Jacket Material** | PVC |
| **Separator Material** | FEP |

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| | |
|---|---|
| **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) |
| **Environmental Space** | Plenum |
| **Flame Test Method** | CMP/FT6 |
| **Smoke Test Method** | CMP/FT6 |

## Packaging and Weights

| | |
|---|---|
| **Cable weight** | 61.878 kg/km  |  41.58 lb/kft |

## Regulatory Compliance/Certifications

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

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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 Type** | Unshielded |
| **Color** | Cool 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, minimum** | 0.762 mm  |  0.03 in |
| **Compatible Conductor Gauge, solid** | 22 AWG  |  24 AWG |
| **Compatible Conductor Gauge, stranded** | 22 AWG  |  24 AWG |

## Electrical Specifications

| | |
|---|---|
| **Current Rating at Temperature** | 1.5 A @ 20 °C  |  1.5 A @ 68 °F |
| **Dielectric Withstand Voltage, RMS, conductive surface** | 1,500 Vac @ 60 Hz |
| **Dielectric Withstand Voltage, RMS, contact-to-contact** | 1,000 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 °C to +60 °C (+14 °F to +140 °F) |
| **Storage Temperature** | -40 °C to +70 °C (-40 °F to +158 °F) |
| **Relative Humidity** | Up 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 |

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