CHARB | IP06-06RUTP-01S-1100E

Base Product



InstaPATCH® Cu GigaSPEED XL® U/UTP Riser Preterminated Copper Cable, single 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 XL® | InstaPATCH® Cu

General Specifications

ANSI/TIA Category 6

Cable Type U/UTP (unshielded)

Conductor Type Solid

Interface, Connector A Information outlet

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)2-90Cable Assembly Length Range (ft)7-295

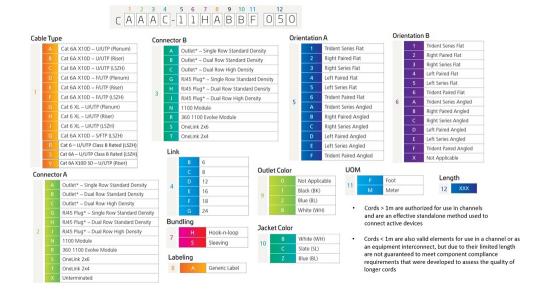
Electrical Specifications

dc Resistance, maximum0.3 ohmSafety Voltage Rating300 V

Ordering Tree



IP06-06RUTP-01S-1100E CHARB



Environmental Specifications

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

Environmental Space Riser

Flammability Rating UL 94 V-0

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
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



Included Products

GigaSPEED XL® 1071E ETL Verified Category 6 U/UTP Cable, non-plenum, 4 pair count 1071E-4/23

SYSTIMAX 360™ GigaSPEED XL® 1100GS3 Evolve Category 6 U/UTP Distribution Module, 6 760151167 360-IPR-1100-GS3-DM6

GigaSPEED XL® M-Series Modular Jack, RJ45, Cat6 Unshielded MGS400





GigaSPEED XL® 1071E ETL Verified Category 6 U/UTP Cable, non-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 XL®

Ordering Note Not available in Europe, the Middle East, or Africa

General Specifications

Product Number 1071E

ANSI/TIA Category 6

Cable Component Type Horizontal

Cable Type U/UTP (unshielded)

Conductor Type, singlesSolidConductors, quantity8Pairs, quantity4

Separator Type Bisector

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

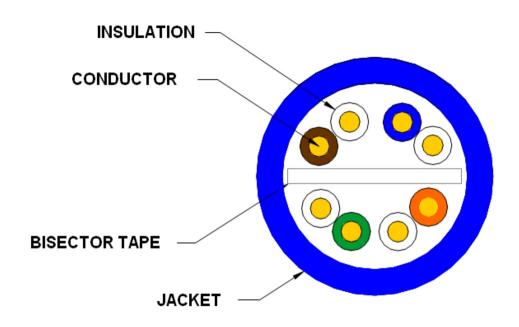
Dimensions

Diameter Over Jacket, nominal5.893 mm | 0.232 inJacket Thickness0.559 mm | 0.022 in

Conductor Gauge, singles 23 AWG

Cross Section Drawing





Electrical Specifications

dc Resistance Unbalance, maximum $5\,\%$

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

Dielectric Strength, minimum1500 Vac | 2500 VdcMutual Capacitance at Frequency5.6 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 MaterialPolyolefinJacket MaterialPVC

Separator Material Polyolefin

Mechanical Specifications

COMMSC PE°

1071E-4/23

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

Environmental SpaceNon-plenumTemperature Rating, UL75 °C | 167 °F

Flame Test Method CMG | CMR

Packaging and Weights

Cable weight 38.097 kg/km | 25.6 lb/kft

Regulatory Compliance/Certifications

Agency Classification

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

760151167 | 360-IPR-1100-GS3-DM6



SYSTIMAX 360™ GigaSPEED XL® 1100GS3 Evolve Category 6 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 XL®

General Specifications

ANSI/TIA Category 6

Cable Type Unshielded

Color Cool gray

Conductor Type Solid | Stranded

Intelligence Type iPatch® ready

Modules, quantity 1

Rack Type EIA 19 in

Rack Units1Termination TypeIDCTotal Ports, quantity6

Wiring T568A | T568B

Dimensions

Height43.688 mm | 1.72 inWidth106.68 mm | 4.2 inDepth27.432 mm | 1.08 inCompatible Diameter Over Dielectric, maximum1.168 mm | 0.046 inCompatible Diameter Over Dielectric, minimum0.762 mm | 0.03 inCompatible Conductor Gauge, solid22 AWG | 24 AWG

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760151167 | 360-IPR-1100-GS3-DM6

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 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 $-10 \,^{\circ}\text{C}$ 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 Humidity Up to 95%, non-condensing

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

Packaging and Weights

Packaging quantity

Weight, net 0.068 kg | 0.15 lb

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Below maximum concentration value

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

COMMSCOPE®

760151167 | 360-IPR-1100-GS3-DM6

ROHS UK-ROHS Compliant Compliant



COMMSCOPE°

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MGS400

Base Product



GigaSPEED XL® M-Series Modular Jack, RJ45, Cat6 Unshielded

- Electrical performance guaranteed to meet or exceed the channel specifications to ISO/IEC 11801 Class E and ANSI/TIA-568.2-D Category 6
- Patented crossing of straddling pair contacts enables efficient alien crosstalk reduction in the channel
- Snaps into standard M-series faceplates, surface-mount boxes, consolidation point boxes and modular panels
- Mountable either at 90 degrees (straight) or 45 degrees (angled) in M-series faceplate

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin

America | North America

21.08 mm | 0.83 in

Portfolio SYSTIMAX®

Product Type Modular jack

Product Brand GigaSPEED XL®

Product Series MGS400

General Specifications

ANSI/TIA Category 6

Cable Type Unshielded

Conductor Type Solid | Stranded

Termination Type IDC

Wiring T568A | T568B

Dimensions

Width

Height 19.4 mm | 0.764 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

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MGS400

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 Nicke

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

Storage Temperature -40 °C to +70 °C (-40 °F to +158 °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

