CGHRD | IP06-12PUTP-PG2S-1100E



InstaPATCH® Cu GigaSPEED XL® U/UTP Plenum Preterminated Copper Cable, dual row standard density RJ45 plug to 360 1100 Evolve module, 12 links

This product will be discontinued on: January 31, 2025

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 RJ45 plug

Interface Feature, connector A Dual row | Standard density

Interface, Connector B 360 1100 Evolve module

Interface Feature, connector B Standard

Link Count 12

Wiring T568B

Dimensions

Cable Assembly Length Range (m) 2 – 30

Cable Assembly Length Range (ft) 7 – 98

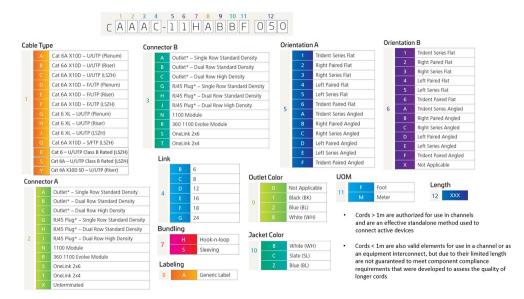
Electrical Specifications

dc Resistance, maximum0.3 ohmSafety Voltage Rating300 V

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IP06-12PUTP-PG2S-1100E **CGHRD**

Ordering Tree



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
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® 2071E ETL Verified Category 6 U/UTP Cable, plenum, 4 pair count 2071E-4/23

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

360-IPR-1100-GS3-DM6

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GigaSPEED XL® 2071E ETL Verified Category 6 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 XL®

General Specifications

Product Number 2071E

ANSI/TIA Category 6

Cable Component Type Horizontal

 Cable Type
 U/UTP (unshielded)

Conductor Type, singles Solid

Conductors, quantity 8
Pairs, quantity 4

Separator Type Bisector

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

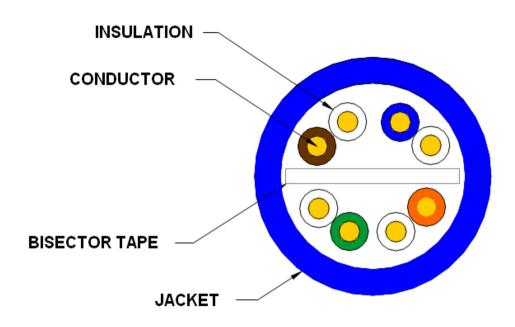
Dimensions

Diameter Over Jacket, nominal5.74 mm | 0.226 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) 71 %

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 Material Bare copper

Insulation Material FEP | Polyolefin

Jacket Material PVC

Separator Material Flame retardant polyolefin

Mechanical Specifications

COMMSC PE®

2071E-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 Space Plenum

Temperature Rating, UL 75 °C | 167 °F

Flame Test Method CMP/FT6

Smoke Test Method CMP/FT6

Packaging and Weights

Cable weight 43.157 kg/km | 29 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 $1.5 \text{ A} \otimes 20 \text{ °C} + 1.5 \text{ A} \otimes 68 \text{ °F}$

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 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

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760151167 | 360-IPR-1100-GS3-DM6

ROHS UK-ROHS Compliant Compliant





