## CARXD | IP6A-12PUTP-1100E-BLUNT

#### **Base Product**



InstaPATCH® Cu GigaSPEED X10D® U/UTP Plenum Preterminated Copper Cable, 360 1100 Evolve module to unterminated, 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** 360 1100 Evolve module

Interface Feature, connector A Standard

Interface, Connector B Unterminated

Link Count 12

Wiring T568B

**Dimensions** 

Cable Assembly Length Range (m) 5 - 90

Cable Assembly Length Range (ft) 17 - 295

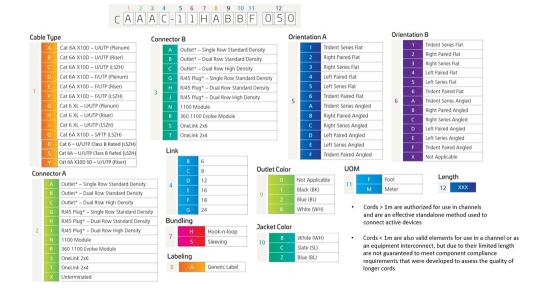
**Electrical Specifications** 

dc Resistance, maximum0.3 ohmSafety Voltage Rating300 V

Ordering Tree



## CARXD | IP6A-12PUTP-1100E-BLUNT



### **Environmental Specifications**

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

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

2091B-4/23 – GigaSPEED X10D® 2091B ETL Verified Category 6A U/UTP Cable, 4 pair count

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

360-IPR-1100-GS6-DM6 6 port





GigaSPEED X10D® 2091B ETL Verified Category 6A U/UTP Cable, 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 2091B
ANSI/TIA Category 6A

Cable Component Type Horizontal

 Cable Type
 U/UTP (unshielded)

Conductor Type, singles Solid
Conductors, quantity 8

Note Consult ANSI/TIA-568-C.2 Annex G for length de-rating guidance for cable

installation in higher temperature environments

Pairs, quantity 4

Separator Type Isolator

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

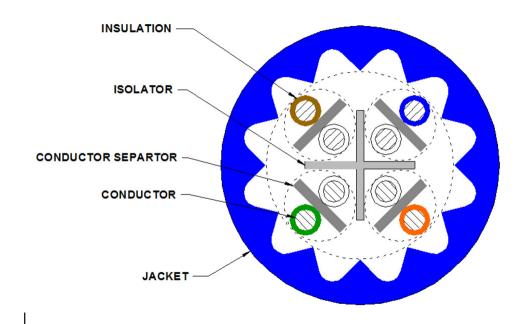
**Dimensions** 

Diameter Over Jacket, nominal7.239 mm0.285 inJacket Thickness1.295 mm0.051 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

**Dielectric Strength, minimum** 1500 Vac | 2500 Vdc

Mutual Capacitance at Frequency6.0 nF/100 m @ 1 kHz

Nominal Velocity of Propagation (NVP)  $\,\,$  66 %

**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

### Material Specifications

Conductor Material Bare copper

Insulation Material FEP

Jacket Material PVC

Separator Material FEP

Separator 2 Material Polyolefin

Mechanical Specifications



### 2091B-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 +75  $^{\circ}\text{C}$  (-4  $^{\circ}\text{F}$  to +167  $^{\circ}\text{F}$ )

Environmental Space Plenum

**Temperature Rating, UL** 105 °C | 221 °F

Flame Test Method CMP/FT6
Safety Standard UL 444

Smoke Test Method CMP/FT6 | NFPA 262

Packaging and Weights

**Cable weight** 60.568 kg/km | 40.7 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

Page 6 of 8



## 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 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

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

