CANXB | IP6A-06PUTP-1100L-BLUNT

Base Product



InstaPATCH® Cu GigaSPEED X10D® U/UTP Plenum Preterminated Copper Cable, 1100 module to unterminated, 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	1100 module	
Interface Feature, connector A	Standard	
Interface, Connector B	Unterminated	
Link Count	6	
Wiring	T568B	
Dimensions		
Cable Assembly Length Range (m)	5 - 90	
Cable Assembly Length Range (ft)	17 – 295	
Electrical Specifications		
dc Resistance, maximum	0.3 ohm	
Safety Voltage Rating	300 V	

Ordering Tree

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CAAAC-11HABBF050



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

2091B-4/23

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

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20918-4/23



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, nominal	7.239 mm 0.285 in
Jacket Thickness	1.295 mm 0.051 in
Conductor Gauge, singles	23 AWG

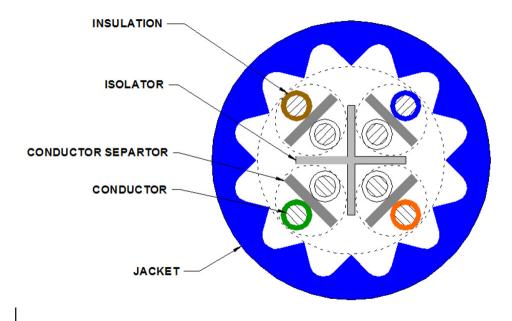
Cross Section Drawing

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2091B-4/23



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 Frequency	6.0 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

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2091B-4/23

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 +75 °C (-4 °F to +167 °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

Classification

Agency ISO 9001:2015

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

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