CARNG | IP6A-24PUTP-1100E-1100L

Base Product



Product Classification

InstaPATCH® Cu GigaSPEED X10D® U/UTP Plenum Preterminated Copper Cable, 360 1100 Evolve module to 1100 module, 24 links

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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	1100 module
Interface Feature, connector B	Standard
Link Count	24
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

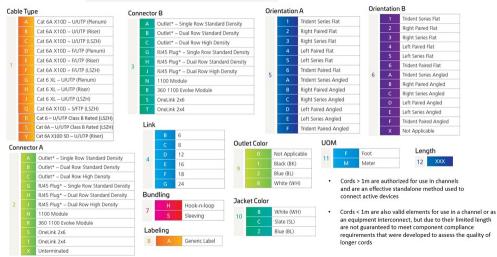
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CARNG | IP6A-24PUTP-1100E-1100L

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
760151183 360-IPR-1100-GS6-DM6	-	SYSTIMAX 360™ GigaSPEED X10D® 1100GS6 Evolve Category 6A U/UTP Distribution Module, 6 port

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2091B-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

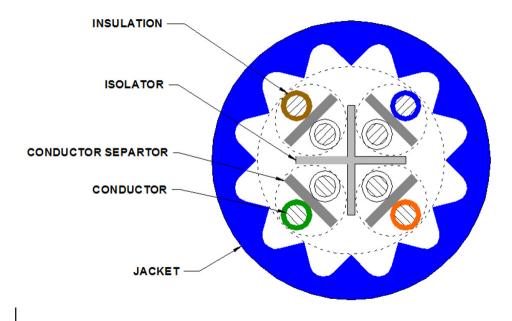
Cross Section Drawing

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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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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 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

Packaging quantity	1
Weight, net	0.073 kg 0.16 lb

Regulatory Compliance/Certifications

Agency

CHINA-ROHS

Classification

Below maximum concentration value

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ISO 9001:2015

REACH-SVHC

ROHS

UK-ROHS



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