CBJJG | IP6A-24RUTP-PG2H-PG2H

Base Product



InstaPATCH® Cu GigaSPEED X10D® U/UTP Riser Preterminated Copper Cable, dual row high density RJ45 plug to dual row high density RJ45 plug, 24 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	RJ45 plug
Interface Feature, connector A	Dual row High density
Interface, Connector B	RJ45 plug
Interface Feature, connector B	Dual row High density
Link Count	24
Wiring	T568B
Dimensions	
Cable Assembly Length Range (m)	2 - 80
Cable Assembly Length Range (ft)	7 - 262
Electrical Specifications	
dc Resistance, maximum	0.3 ohm
Safety Voltage Rating	300 V

Ordering Tree

Page 1 of 5

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CAAAC-11HABBF050



Environmental Specifications

Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Environmental Space	Riser
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

1095B-4/24

GigaSPEED X10D® 1095B Category 6A U/UTP Cable, non-plenum, 4 pair count

Page 2 of 5

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GigaSPEED X10D® 1095B Category 6A U/UTP Cable, non-plenum, 4 pair count

Product Classification

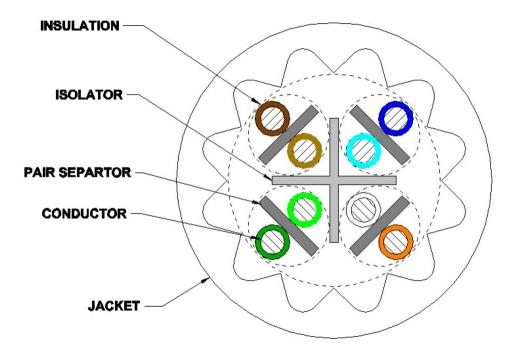
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	SYSTIMAX®
Product Type	Twisted pair cable
Product Brand	GigaSPEED X10D®
General Specifications	
Product Number	1095B
ANSI/TIA Category	6A
Cable Component Type	Cordage
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Pairs, quantity	4
Separator Type	Isolator
Transmission Standards	ANSI/TIA-568.2-D
Dimensions	
Diameter Over Jacket, nominal	7.239 mm 0.285 in
Jacket Thickness	1.524 mm 0.06 in
Conductor Gauge, singles	24 AWG

Cross Section Drawing

Page 3 of 5

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Electrical Specifications

Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance Unbalance, maximum	4 %
dc Resistance, maximum	9.38 ohms/100 m 2.859 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)	67 %
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
Safety Voltage Rating	300 V
Material Specifications	
Conductor Material	Bare copper
Insulation Material	Polyolefin

Page 4 of 5

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1095B-4/24

Jacket Material		PVC
Separator Material		Polyolefin
Separator 2 Material		Polyolefin
Mechanical Specifications		
Pulling Tension, maximu	n	11.34 kg 25 lb
Environmental Specifications		
Installation temperature		0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature		-20 °C to +60 °C (-4 °F to +140 °F)
Environmental Space		Non-plenum
Flame Test Method		CM
Packaging and Weights		
Cable weight		55.047 kg/km 36.99 lb/kft
Regulatory Compliance/Certifications		
Agency	Classification	
ISO 9001:2015	Designed, manufactured	d and/or distributed under this quality management system

Page 5 of 5

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