CAGGG | IP6A-24PUTP-PG1S-PG1S

Base Product

InstaPATCH® Cu GigaSPEED X10D® U/UTP Plenum Preterminated Copper Cable, single row standard density RJ45 plug to single row standard 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	Single row | Standard density
Interface, Connector B	RJ45 plug
Interface Feature, connector B	Single row | Standard
Link Count	24
Wiring	T568B

Dimensions

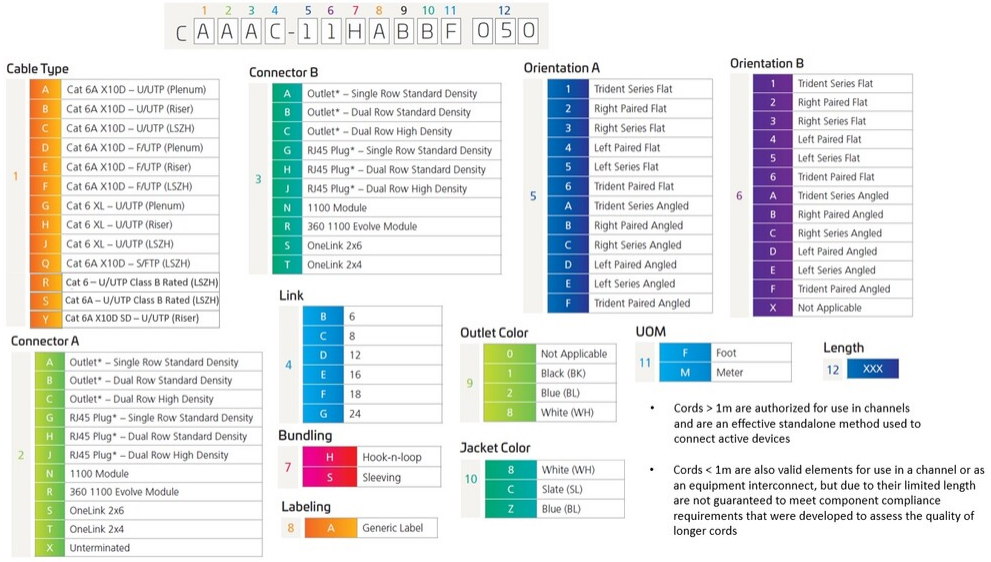
Cable Assembly Length Range (m)	2 – 80
Cable Assembly Length Range (ft)	7 – 262

Electrical Specifications

dc Resistance, maximum	0.3 ohm
Safety Voltage Rating	300 V

Ordering Tree

CAGGG | IP6A-24PUTP-PG1S-PG1S



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

123	–	GigaSPEED X10D® 2095B Category 6A U/UTP Cable, plenum, 4 pair count

GigaSPEED X10D® 2095B Category 6A 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 X10D®

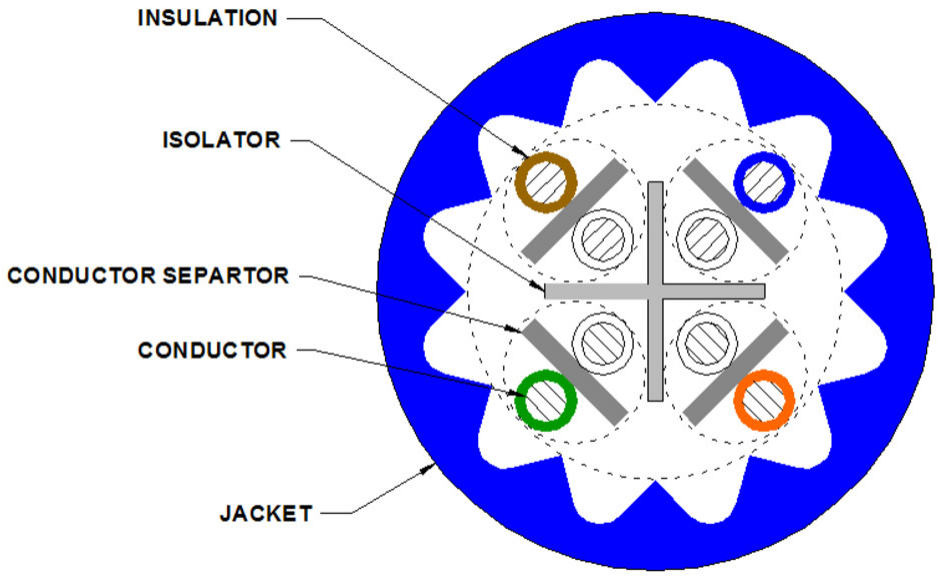
General Specifications

Product Number	2095B
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



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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	FEP
Jacket Material	PVC
Separator Material	FEP

Separator 2 Material	Polyolefin

Mechanical Specifications

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 +60 °C (-4 °F to +140 °F)
Environmental Space	Plenum
Flame Test Method	CMP/FT6
Smoke Test Method	CMP/FT6

Packaging and Weights

Cable weight	61.878 kg/km | 41.58 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system