



Part Number: 1304A4

CatSnake 4x4PR Bundled 24 AWG, Bonded, BC

Product Description

24 AWG Bonded-Pairs stranded (7x32) bare copper conductors, polyolefin insulation. Four x 4 pair cables bundled under a PVC jacket.

Technical Specifications

Product Overview

Environmental Space:	Indoor/Outdoor
Suitable Applications:	Field Deployable Cat 5e Patch, CobraNet, eSnake, Ethersound, Digital Audio over Ethernet

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
24	7x32	BC - Bare Copper	0.024 in	16

Conductor Count:	32
Total Number of Pairs:	16

Insulation

Material	Nominal Diameter
PO - Polyolefin	0.043 in

Color Chart

Number	Color
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown

Inner Jacket Material

Layer	Material	Material Trade Name	Nominal Diameter
1	PVC - Polyvinyl Chloride	Belflex®	0.25 in
2	PVC - Polyvinyl Chloride	Belflex®	0.25 in
3	PVC - Polyvinyl Chloride	Belflex®	0.25 in
4	PVC - Polyvinyl Chloride	Belflex®	0.25 in

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Material Trade Name	Nominal Diameter
PVC - Polyvinyl Chloride	Belflex®	0.757 in

Electrical Characteristics

Conductor DCR

Max. Conductor DCR	Max. DCR Unbalance	Nominal Conductor DCR	Conductor Resistance
9 Ohm/100m	3 %	25 Ohm/1000ft	

Capacitance

Max. Capacitance Unbalance	Nom. Mutual Capacitance
66	15 pF/ft

Delay

Max. Delay	Max. Delay Skew	Nominal Velocity of Propagation (VP) [%]	Typical Delay Skew
510 ns/100m	25 ns/100m	70 %	15 ns/ft

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

Operating Temp Range:	-30°C To +75°C
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Mechanical Characteristics

Bulk Cable Weight:	210 lbs/1000ft
Max Recommended Pulling Tension:	176 lbs
Min Bend Radius/Minor Axis:	7.75 in

Standards

Other Specification:	NEMA WC-63.1 Category 5*, ICEA 661, Category 5e Patch*, TIA/EI-568-B.2*, Category 5e*
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Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

Part Number

Plenum (Y/N):	No
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Variants

Item #	Color
1304A4 B591000	MATTE BLACK
1304A4 B59500	MATTE BLACK

Product Notes

Notes:	EtherNet/IP is a trademark of ControlNet Internation, Ltd. under license by Open DeviceNet Vendor Association, Inc. Operating temperatures are subject to length de-rating.
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