



**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

Bonded-Pair:	Yes
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**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
90 Ohm/km	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

#### Flammability, LSOH, Toxicity Testing

UL voltage rating:	300 V RMS
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#### Plenum/Non-Plenum

Plenum (Y/N):	No
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#### Part Number

#### Variants

Item #	Color	UPC	Length
1304A4 B591000	Matte Black	612825111122	1,000 ft
1304A4 B59500	Matte Black	612825111139	500 ft

#### 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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#### History

Update and Revision:	Revision Number: 0.205 Revision Date: 08-22-2019
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