

# Everon® Copper Datacom Class E Patch Cord, 2xRJ45, Cat.6, U/UTP PVC AWG 26 gray, 1 m



**Part Number:**  
**CCAVNE-D1002-A010-C0**

The application-neutral Everon® Copper Datacom category 6 patch cords are unshielded (U/UTP). They are assembled with unshielded RJ45 connectors on each end. The PVC patch cords are flame retardant according to IEC 60332-1. Everon® Copper Datacom CCAVNE patch cords provide additional latch protection. They are available in various lengths and colors.

## Features and Benefits

Application-neutral due to using all four pairs of RJ45 connectors

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IP68 rated ruggedized design

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Additional latch protection

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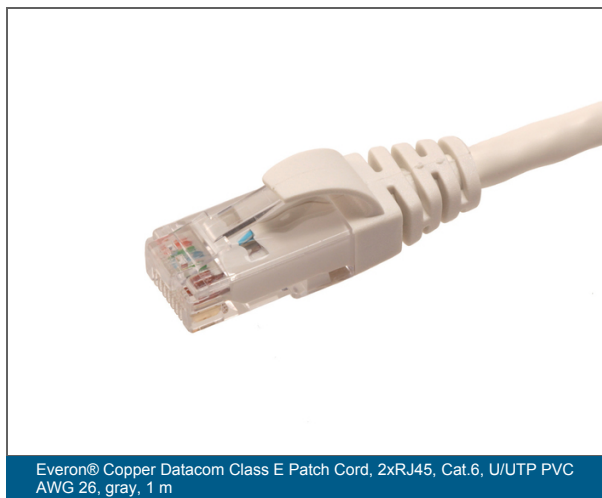
Category 6

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Certified by a vendor-independent and impartial test lab (GHMT AG)

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Supports Power over Ethernet (PoE / PoE+ / PoE++). IEEE 802.3bt-2018 performance (4PPoE) Ready for new applications powered on 4 pairs up to 90W



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## Specifications

General Specifications	
Area/Range of Application	10Base-T; 100Base-TX; 1000Base-T/ATMLAN1.2Gbit/s
Cable Assembly Type	Patch Cords
Environment	Indoor
Category	6
Cable Type	U/UTP
Halogen-free	No
Legacy Part Number	VOL-6UDP
Brand	Everon®
Third Party Certificate	Yes ( <a href="http://www.corning.com/emea/en/certificates">www.corning.com/emea/en/certificates</a> )

Standards	
Flame Retardance	Flame retardant according to IEC 60332-1-2 (single cable)
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Design and Test Criteria	Compliant with PoE / PoE++ IEEE 802.3af, IEEE 802.3at and IEEE 802.3bt
Halogen content test	Low smoke according to IEC 61034
Level of corrosion	Non-corrosive according to IEC 60754-2

Environmental Conditions	
Temperature Range, Installation	0 °C to 50 °C (32 °F to 122 °F )
Temperature Range, Operation	-20 °C to 60 °C (-4 °F to 140 °F )
Transport and Indoor Storage	Dry environment, no direct sunlight, room temperature ≤ 40 °C

Cable Design	
Twisting	2 cores to a pair
Outer Jacket Material	Polyvinyl Chloride (PVC)

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## Cable Design

Outer Jacket Color	Gray
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## Mechanical Specifications

Fire Load	0.21 MJ/m
Min. Bend Radius Installation	34 mm (1.34 in)

## Specifications - Connector A

Connector Type	RJ45 - 8/8
Durability Cycles	750 N/A
Connector Material	Pin gold plated 50µ inch

## Specifications - Connector B

Connector Type	RJ45 - 8/8
Durability Cycles	750 N/A
Connector Material	Pin gold plated 50µ inch

## Electrical Specifications

Mutual capacity	1600 pF/km
Max. loop resistance	150 Ω/km
Propagation delay	5.38 ns/m at 100 MHz
DC resistance unbalance	5 %
Insulation Resistance	500 MΩ*km
Impedance Zo at 1-100 MHz	100 Ω ± 5% at 100 MHz

## Dimensions

Length	1 m (3.28 ft)
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## Dimensions

Weight	0.03 kg
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## Ordering Information

Product Number	CCAVNE-D1002-A010-C0
EAN Code	4064394141776
Packaging Method	Corn Starch Bag
Shipping Weight	0.04 kg
Units per Delivery	1/1



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