

# Everon® Copper Datacom Class E Patch Cord, 2xRJ45, Cat.6, U/UTP PVC AWG 26 grey, 0.5 m

CORNING

**Part Number:**  
**CCAVNE-D1002-A005-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 colours.

## Features and Benefits

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

---

IP68 rated ruggedized design

---

Additional latch protection

---

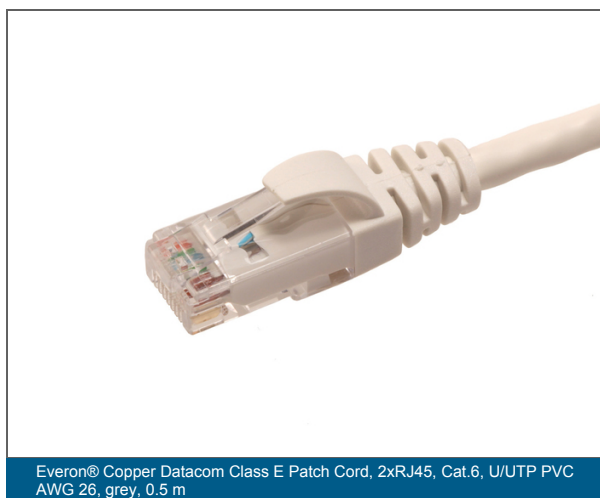
Category 6

---

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

---

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



Everon® Copper Datacom Class E Patch Cord, 2xRJ45, Cat.6, U/UTP PVC AWG 26, grey, 0.5 m

# Everon® Copper Datacom Class E Patch Cord, 2xRJ45, Cat.6, U/UTP PVC AWG 26 grey, 0.5 m

CORNING

## 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 to IEC 61034
Level of corrosion	Non-corrosive according to IEC 60754-2

Environmental Conditions	
Temperature range, installation	0 °C to 50 °C
Temperature range, operation	-20 °C to 60 °C
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)

# Everon® Copper Datacom Class E Patch Cord, 2xRJ45, Cat.6, U/UTP PVC AWG 26 grey, 0.5 m

CORNING

## Cable Design

Outer jacket colour	Grey
---------------------	------

## Mechanical Specifications

Fire load	0.21 MJ/m
Min. bend radius installation	34 mm

## 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	0.5 m
--------	-------

# Everon® Copper Datacom Class E Patch Cord, 2xRJ45, Cat.6, U/UTP PVC AWG 26 grey, 0.5 m



## Dimensions

Weight	0.02 kg
--------	---------

## Ordering Information

Product Number	CCAVNE-D1002-A005-C0
EAN Code	4064394141790
Packaging method	Corn Starch Bag
Shipping weight	0.03 kg
Units per delivery	1/1



Corning Optical Communications GmbH & Co. KG • Leipziger Strasse 121 • 10117 Berlin, Germany  
+00 800 2675 4641 • FAX: • [www.corning.com/opcomm/emea](http://www.corning.com/opcomm/emea)