

# Everon™ Copper Datacom Class E Patch Cord, 2xRJ45, Cat.6, U/UTP LSZH™ AWG 26 turquoise, 10 m

CORNING

**Part Number:**  
**CCAVGE-DB002-A100-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 zero halogen patch cords (LSZH) are non-corrosive according to IEC 60754-2 (FRNC), low smoke according to IEC 61034 and flame retardant according to IEC 60332-1. Everon Copper Datacom CCAVGE 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

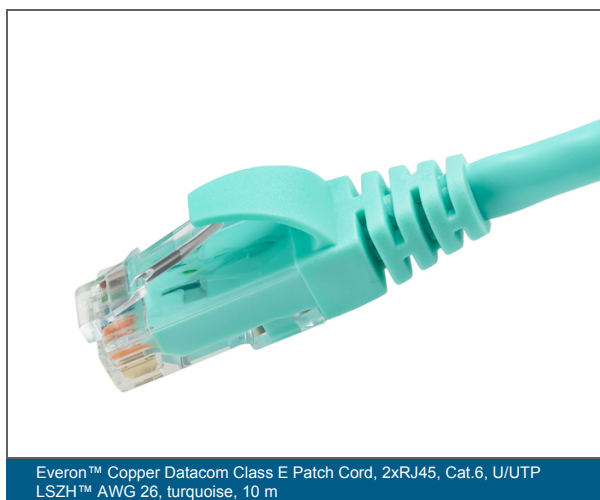
Outstanding transmission characteristics according to 1GBase-T

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



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## Specifications

### Cable Design

Outer jacket colour	Turquoise
Conductor insulation	Halogen-free foam-skin material
Conductor	Copper Wire, AWG 26
Twisting	2 cores to a pair
Outer jacket material	LSZH™/FRNC

### Ordering Information

Product Number	CCAVGE-DB002-A100-C0
EAN Code	4064394416706
Length	10 m
Weight	0.22 kg
Packaging method	Corn Starch Bag
Shipping weight	0.23 kg
Units per delivery	1/1

### 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

### General Specifications

Area/range of application	10Base-T; 100Base-TX; 1000Base-T/ATMLAN1.2Gbit/s
Cable assembly type	Patch cords
Environment	Indoor
Category	6

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## General Specifications

Cable type	U/UTP
Halogen-free	Yes
Legacy Part Number	VOL-6UDL
Brand	Everon™
Third Party Certificate	Yes ( <a href="http://www.corning.com/emea/en/certificates">www.corning.com/emea/en/certificates</a> )

## Mechanical Specifications

Fire load	0.303 MJ/m
Min. bend radius installation	34 mm

## Electrical Specifications

Mutual capacity	1600 pF/km
Max. loop resistance	150 Ω/km
Delay skew	45 ns/100 m
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

## 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
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## Specifications - Connector B

Durability Cycles	750 N/A
Connector Material	Pin gold plated 50µ inch

## Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Transmission performance link	ISO/IEC 11801; EN 50173-1; TIA 568.2-D
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
Flame retardance	Flame retardant according to IEC 60332-1-2 (single cable)



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