

# Everon™ Copper Datacom Class E Patch Cord, 2xRJ45, Cat.6, U/UTP LSZH™ AWG 26 aqua, 3 m

CORNING

**Part Number:**  
**CCAVGE-DB002-A030-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 colors.

## Features and Benefits

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

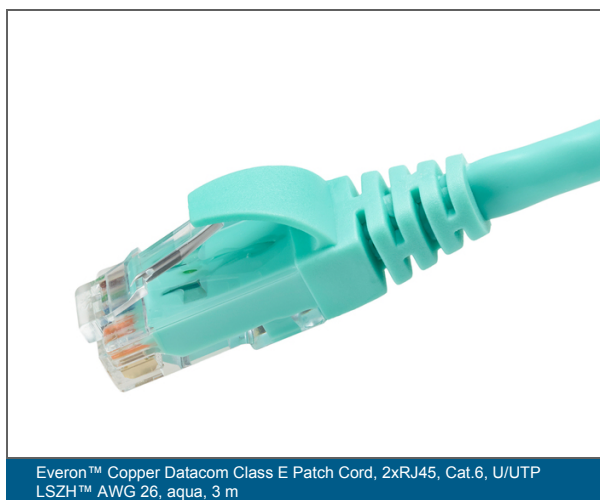
Outstanding transmission characteristics according to 1GBase-T

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



# Everon™ Copper Datacom Class E Patch Cord, 2xRJ45, Cat.6, U/UTP LSZH™ AWG 26 aqua, 3 m



## Specifications

Cable Design	
Outer Jacket Color	Aqua
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-A030-C0
EAN Code	4064394141851
Length	3 m
Weight	0.073 kg
Packaging Method	Corn Starch Bag
Shipping Weight	0.083 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

# Everon™ Copper Datacom Class E Patch Cord, 2xRJ45, Cat.6, U/UTP LSZH™ AWG 26 aqua, 3 m



## 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
----------------	------------

# Everon™ Copper Datacom Class E Patch Cord, 2xRJ45, Cat.6, U/UTP LSZH™ AWG 26 aqua, 3 m

CORNING

## 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)



Corning Optical Communications GmbH & Co. KG • Leipzig Strasse 121 • 10117 Berlin, Germany  
+00 800 2675 4641 • FAX: +49 30 5303 2335 • [www.corning.com/opcomm/emea](http://www.corning.com/opcomm/emea)

A complete listing of the trademarks of Corning Optical Communications is available at [www.corning.com/opcomm/emea/trademarks](http://www.corning.com/opcomm/emea/trademarks). Corning Optical Communications is ISO 9001 and ISO 14001 certified. © 2022 Corning Optical Communications. All rights reserved.