

Everon® Copper Datacom Class E Patch Cord, 2xRJ45, Cat.6, S/FTP LSZH AWG 27 aqua, 0.5 m

CORNING

Part Number:
CCAEGB-DB002-A005-C0

The application-neutral Everon® Copper Datacom category 6 patch cords have four individual foil-shielded pairs (PiMF) and an additional braid shield (S/FTP). They are assembled with a shielded 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 CCAEGB 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

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



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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	S/FTP
Halogen-free	Yes
Legacy Part Number	VOL-6SSL
Brand	Everon®
Third Party Certificate	Yes (www.corning.com/emea/en/certificates)

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

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
Pair screen	Al-laminated foil around each pair
Overall screen	Copper braid, tinned
Outer Jacket Material	LSZH/FRNC

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Cable Design

Outer Jacket Color	Aqua
Outer Diameter	5.7 mm

Mechanical Specifications

Fire Load	0.45 MJ/m
Min. Bend Radius Installation	46 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	188 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
Surface transfer impedance	100 N/A

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Dimensions

Length	0.5 m
Weight	0.02 kg

Ordering Information

Product Number	CCAEGB-DB002-A005-C0
EAN Code	4064394143039
Packaging Method	Corn Starch Bag
Shipping Weight	0.03 kg
Units per Delivery	1/1



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