

# Everon™ Copper Datacom Class EA Patch Cord, 2xRJ45, Cat.6A, S/FTP LSZH™ AWG 26 gray, 0.5 m



**Part Number:**  
**CCAAGB-G1002-A005-C0**

The application-neutral Everon™ Copper Datacom category 6A 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 CCAAGB 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

Minimum surface transfer impedance of cable (<10 mΩ/m at 10 MHz)

Outstanding transmission characteristics according to 10GBase-T

Additional latch protection

Category 6A

PVP Certificate

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	1000Base-T; 2,5GBase-T; 5GBase-T; 10GBase-T/FDDI; ATM
Cable Assembly Type	Patch Cords
Environment	Indoor
Category	6A
Cable Type	S/FTP
Halogen-free	Yes
Brand	Everon™
Third Party Certificate	Yes ( <a href="http://www.corning.com/emea/en/certificates">www.corning.com/emea/en/certificates</a> )

### Standards

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
Flame Retardance	Flame retardant according to IEC 60332-1-2 (single cable)

### 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

Outer Jacket Color	Grey
Conductor Insulation	Halogen-free foam-skin material
Twisting	2 cores to a pair

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

## Mechanical Specifications

Fire Load	0.43 MJ/m
Min. Bend Radius Installation	47 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	290 Ω/km
Propagation delay	≥ 10 MHz at 4.3 ns/m
DC resistance unbalance	4.3 %
Insulation Resistance	5000 MΩ*km
Impedance Zo at 1-100 MHz	100 Ω ± 5% at 100 MHz

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## Ordering Information

Product Number	CCAAGB-G1002-A005-C0
EAN Code	4056418332369
Length	0.5 m
Weight	0.041 kg
Packaging Method	Corn Starch Bag
Shipping Weight	0.047 kg
Units per Delivery	1/1



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