

# Everon™ Copper Datacom Class EA Patch Cord, 2xRJ45, Cat.6A, S/FTP LSZH™ AWG 26 gray, 10 m

CORNING

**Part Number:**  
**CCAAGB-G1002-A100-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

S/FTP flex cable, Category 7

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

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

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Outstanding transmission characteristics according to 10GBase-T

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Additional latch protection

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Category 6A

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PVP Certificate

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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 Color	Grey
Conductor Insulation	Halogen-free foam-skin material
Conductor	Copper Wire, AWG 26
Twisting	2 cores to a pair
Pair screen	Al-laminated foil around each pair
Overall screen	Copper braid, tinned
Outer Jacket Material	LSZH™/FRNC

Ordering Information	
Product Number	CCAAGB-G1002-A100-C0
EAN Code	4042673311669
Length	10 m
Weight	0.411 kg
Packaging Method	Corn Starch Bag
Shipping Weight	0.421 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	1000Base-T; 2,5GBase-T; 5GBase-T; 10GBase-T/FDDI; ATM
Cable Assembly Type	Patch Cords

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## General Specifications

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> )

## Mechanical Specifications

Fire Load	0.43 MJ/m
Min. Bend Radius Installation	47 mm

## Electrical Specifications

Mutual capacity	1600 pF/km
Max. loop resistance	290 Ω/km
Delay skew	10 ns/100 m
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

## Specifications - Connector A

Connector Type	RJ45 - 8/8
Durability Cycles	750 N/A
Connector Material	Pin gold plated 50μ inch

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## Specifications - Connector B

Connector Type	RJ45 - 8/8
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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