

Everon® Copper Datacom Class EA Patch Cord, 2xRJ45, Cat.6A, S/FTP LSZH AWG 30 grey, 0.5 m

CORNING

Part Number:
MCAAWB-G1002-A005-V0

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 MCAAWB 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 10GBase-T

Additional latch protection

Category 6A

Supports Power over Ethernet (PoE / PoE+) according IEEE 802.3at



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Specifications

General Specifications	
Area/range of application	1000Base-T; 2,5GBase-T; 5GBase-T; 10GBase-T/FDDI; ATM
Category	6A
Cable type	S/FTP
Halogen-free	Yes
Brand	Everon®
Third Party Certificate	Yes (www.corning.com/emea/en/certificates)

Standards	
Flame retardance	Flame retardant according to IEC 60332-1 / ANSI/UL 1666-2002
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
Temperature range, operation	-20 °C to 60 °C
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
Outer jacket colour	Grey
Outer diameter	4.5 mm

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Mechanical Specifications

Fire load	0.33 MJ/m
Min. bend radius installation	34 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	381 Ω/km
DC resistance unbalance	4 %
Insulation resistance	500 MΩ*km
Impedance Zo at 1-100 MHz	100 Ω ± 5% at 100 MHz

Dimensions

Length	0.5 m
Weight	0.02 kg

Ordering Information

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Ordering Information	
Packaging method	Corn Starch Bag
Shipping weight	0.03 kg
Units per delivery	1/1



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