

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



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 colours.

Features and Benefits

S/FTP flex cable, Category 7

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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CORNING

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)

Specifications

General Specifications

Cable assembly type	Patch cords
Environment	Indoor
Cable type	S/FTP
Halogen-free	Yes
Category	6A
Area/range of application	1000Base-T; 2,5GBase-T; 5GBase-T; 10GBase-T/FDDI; ATM

Temperature Range

Environmental Conditions

Temperature range, operation	-20 °C - 60 °C
Temperature range, installation	0 °C - 50 °C

Cable Design

Outer jacket material	LSZH™/FRNC
Conductor	Copper Wire, AWG 26
Twisting	2 cores to a pair

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Cable Design	
Pair screen	Al-laminated foil around each pair
Overall screen	Copper braid, tinned

Electrical Characteristics

Electrical Characteristics	
Max. loop resistance	290 Ω/km
DC resistance unbalance	4.3 %
Impedance Zo at 1-100 MHz	100 Ω ± 5% at 100 MHz
Propagation delay	≥ 10 MHz at 4.3 ns/m
Delay skew	10 ns/100 m
Insulation resistance	5000 MΩ*km

Mechanical Characteristics	
Min. bend radius installation	47 mm
Fire load	0.43 MJ/m

Ordering Information

Part Number	Units per delivery	Weight
CCAAGB-G1002-A005-C0	1/1	0.041 kg
CCAAGB-G1002-A010-C0	1/1	0.06 kg
CCAAGB-G1002-A010-N7	1/1	0.06 kg
CCAAGB-G1002-A015-C0	1/1	0.08 kg
CCAAGB-G1002-A020-C0	1/1	0.099 kg
CCAAGB-G1002-A030-C0	1/1	0.138 kg
CCAAGB-G1002-A040-C0	1/1	0.177 kg
CCAAGB-G1002-A050-C0	1/1	0.216 kg

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Part Number	Units per delivery	Weight
CCAAGB-G1002-A060-C0	1/1	0.255 kg
CCAAGB-G1002-A070-C0	1/1	0.294 kg
CCAAGB-G1002-A075-C0	1/1	0.314 kg
CCAAGB-G1002-A080-C0	1/1	0.333 kg
CCAAGB-G1002-A100-C0	1/1	0.411 kg
CCAAGB-G1002-A150-C0	1/1	0.606 kg
CCAAGB-G1002-A200-C0	1/1	0.801 kg
CCAAGB-G1002-A250-C0	1/1	0.996 kg
CCAAGB-G1002-A300-C0	1/1	1.191 kg
CCAAGB-G2002-A005-C0	1/1	0.041 kg
CCAAGB-G2002-A010-C0	1/1	0.06 kg
CCAAGB-G2002-A015-C0	1/1	0.08 kg
CCAAGB-G2002-A020-C0	1/1	0.099 kg
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CCAAGB-G2002-A150-C0	1/1	0.606 kg
CCAAGB-G3002-A010-C0	1/1	0.06 kg
CCAAGB-G3002-A015-C0	1/1	0.08 kg
CCAAGB-G3002-A020-C0	1/1	0.099 kg
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