

Everon® Copper Datacom Class EA Patch Cord, 2xRJ45, Cat.6A, U/UTP LSZH™ AWG 24 grey, 1 m

CORNING

Part Number: CCAKYE-G1002-A010-C0

The application-neutral Everon® Copper Datacom category 6A patch cords are unshielded (U/UTP). They are assembled with unshielded 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 CCAKYE 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

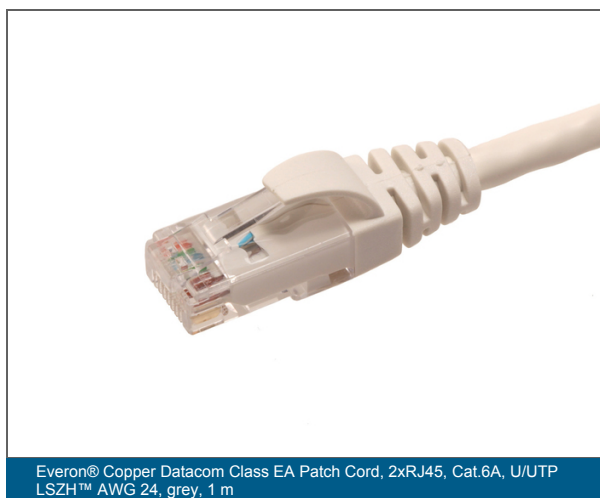
Outstanding transmission characteristics according to 10GBase-T

Additional latch protection

Category 6A

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	1000Base-T; 2,5GBase-T; 5GBase-T; 10GBase-T/FDDI; ATM
Cable assembly type	Patch cords
Environment	Indoor
Category	6A
Cable type	U/UTP
Halogen-free	Yes
Legacy Part Number	VOL-6AUL
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
Halogen content test	Low Smoke to IEC 61034
Level of corrosion	Non-corrosive according to IEC 60754-2

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	
Conductor insulation	Halogen-free foam-skin material
Twisting	2 cores to a pair

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Cable Design

Outer jacket material	LSZH/FRNC
Outer jacket colour	Grey

Mechanical Specifications

Fire load	0.65 MJ/m
Min. bend radius installation	48 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	94.2 Ω/km
Propagation delay	5.38 ns/m at 100 MHz
DC resistance unbalance	4 %
Insulation resistance	500 MΩ*km
Impedance Zo at 1-100 MHz	100 Ω ± 5% at 100 MHz

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Dimensions	
Length	1 m
Weight	5 kg

Ordering Information	
Product Number	CCAKYE-G1002-A010-C0
EAN Code	4064394141073
Packaging method	Corn Starch Bag
Shipping weight	0.05 kg
Units per delivery	1/1



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