

# Everon® Copper Datacom Class EA Patch Cord, 2xRJ45, Cat.6A, U/UTP LSZH AWG 26 gray, 2 m



**Part Number:**  
**CCAKGE-G1002-A020-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 CCAKGE 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

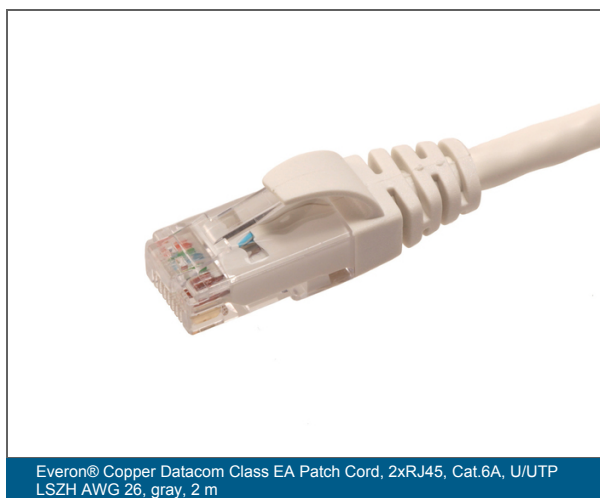
Outstanding transmission characteristics according to 10GBase-T

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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CORNING

## Specifications

General Specifications	
Area/Range of Application	1000Base-T; 2,5GBase-T; 5GBase-T; 10GBase-T/FDDI; ATM
Category	6A
Cable Type	U/UTP
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	
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 according 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	
Twisting	2 cores to a pair
Outer Jacket Material	LSZH/FRNC
Outer Jacket Color	Gray
Outer Diameter	6 mm

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## Mechanical Specifications

Fire Load	0.58 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

Coupling Attenuation	Type III acc. IEC 61156-6
Mutual capacity	1600 pF/km
Max. loop resistance	150 Ω/km
DC resistance unbalance	4 %
Insulation Resistance	500 MΩ*km
Impedance Zo at 1-100 MHz	100 Ω ± 5% at 100 MHz
Surface transfer impedance	100 N/A

## Dimensions

Length	2 m
Weight	0.07 kg

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Ordering Information	
Product Number	CCAKGE-G1002-A020-C0
Packaging Method	Corn Starch Bag
Shipping Weight	0.08 kg
Units per Delivery	1/1



Corning Optical Communications GmbH & Co. KG • Leipziger Strasse 121 • 10117 Berlin, Germany  
00 800 2676 4641 • FAX: • [www.corning.com/opcomm/emea](http://www.corning.com/opcomm/emea)

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