

Everon™ Copper Datacom Class D Patch Cord, 2xRJ45, Cat.5e, SF/UTP LSZH™ AWG 26 gray, 0.5 m

CORNING

Part Number: CCADGF-B1002-A005-C0

The application-neutral Everon™ Copper Datacom category 5e patch cords have an overall shielding with tinned copper wire braiding and shielded with AL-laminated foil and each twisted pair unshielded (SF/UTP). 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 CCADGF patch cords provide additional latch protection. They are available in various lengths and colors.

Features and Benefits

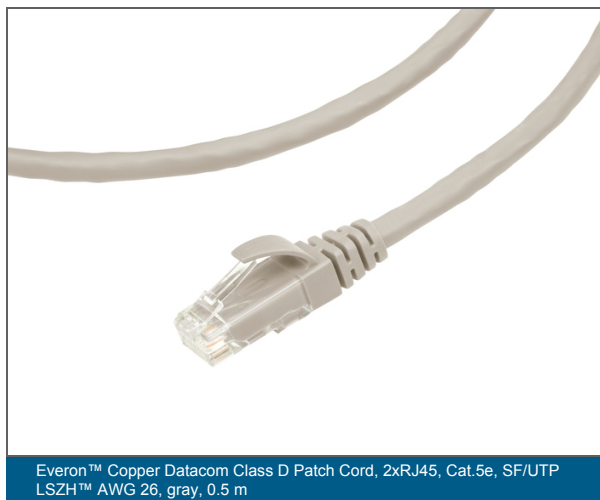
Application-neutral due to using all four pairs of RJ45 connectors

Additional latch protection

Category 5 / 5e

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	Copper Wire, AWG 26
Twisting	2 cores to a pair
Overall screen	Copper braid, tinned + Al-laminated foil
Outer Jacket Material	LSZH™/FRNC

Ordering Information

Product Number	CCADGF-B1002-A005-C0
EAN Code	4064394137656
Length	0.5 m
Weight	0.029 kg
Packaging Method	Corn Starch Bag
Shipping Weight	0.035 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	10Base-T; 100Base-TX; 1000Base-T/155; 622Mb/sATM
Cable Assembly Type	Patch Cords
Environment	Indoor
Category	5e

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General Specifications

Cable Type	SF/UTP
Halogen-free	Yes
Legacy Part Number	VOL-5ESFL
Brand	Everon™

Mechanical Specifications

Fire Load	0.513 MJ/m
Min. Bend Radius Installation	46 mm

Electrical Specifications

Mutual capacity	1600 pF/km
Max. loop resistance	239 Ω/km
Delay skew	45 ns/100 m
Propagation delay	5.38 ns/m at 100 MHz
DC resistance unbalance	5 %
Insulation Resistance	500 MΩ*km
Impedance Zo at 1-100 MHz	100 Ω ± 5% at 100 MHz
Surface transfer impedance	100 N/A
Coupling Attenuation	> 40 dB

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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