

Everon™ Copper Datacom Class I Patch Cord, 2xRJ45, Cat.8.1, S/FTP LSZH™ AWG 26 light gray, 2 m

CORNING

Part Number:
CCA HGB-M8002-A020-C0

The application-neutral Everon™ Copper Datacom category 8.1 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 CCAHGB 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

Minimum surface transfer impedance of cable (<10 mΩ/m at 10 MHz)

Additional latch protection



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Specifications

General Specifications

Cable Assembly Type	Stranded patch cord
Environment	Indoor
Category	8.1
Cable Type	S/FTP
Halogen-free	Yes
Brand	Everon™

Standards

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
Flame Retardance	Flame retardant according to IEC 60332-1-2 (single cable)

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

Outer Jacket Color	Light gray
Conductor Insulation	Halogen-free foam-skin material
Twisting	2 cores to a pair
Pair screen	Al-laminated foil around each pair
Overall screen	Copper braid, tinned

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Cable Design

Outer Jacket Material	LSZH™/FRNC
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Mechanical Specifications

Min. Bend Radius Installation	47 mm
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Specifications - Connector A

Durability Cycles	750 N/A
Connector Type	RJ45 - 8/8
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	1200 pF/km
Max. loop resistance	290 Ω/km
Propagation delay	≥ 10 MHz at 4.3 ns/m
Insulation Resistance	5000 MΩ*km
Impedance Zo at 1-100 MHz	100 Ω ± 5% at 100 MHz
Surface transfer impedance	10 N/A

Ordering Information

Product Number	CCA HGB-M8002-A020-C0
EAN Code	4064394469238

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Ordering Information

Weight	0.092 kg
Packaging Method	Corn Starch Bag
Shipping Weight	0.102 kg
Units per Delivery	1/1



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