

Everon® Copper Datacom Class EA Patch Cord, 2xRJ45, Cat.6A, S/FTP LSZH AWG 30 grey, 5 m

CORNING

Part Number:
MCAAWB-G1002-A050-V0

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 MCAAWB 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

Supports Power over Ethernet (PoE / PoE+) according IEEE 802.3at



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Specifications

| General Specifications | |
|---------------------------|--|
| Area/range of application | 1000Base-T; 2,5GBase-T; 5GBase-T; 10GBase-T/FDDI; ATM |
| Category | 6A |
| Cable type | S/FTP |
| Halogen-free | Yes |
| Brand | Everon® |
| Third Party Certificate | Yes (www.corning.com/emea/en/certificates) |

| Standards | |
|--------------------------|--|
| Flame retardance | Flame retardant according to IEC 60332-1 / ANSI/UL 1666-2002 |
| 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 |

| 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 |
| Pair screen | Al-laminated foil around each pair |
| Overall screen | Copper braid, tinned |
| Outer jacket material | LSZH/FRNC |
| Outer jacket colour | Grey |
| Outer diameter | 4.5 mm |

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Mechanical Specifications

| | |
|-------------------------------|-----------|
| Fire load | 0.33 MJ/m |
| Min. bend radius installation | 34 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 | 381 Ω/km |
| DC resistance unbalance | 4 % |
| Insulation resistance | 500 MΩ*km |
| Impedance Zo at 1-100 MHz | 100 Ω ± 5% at 100 MHz |

Dimensions

| | |
|--------|--------|
| Length | 5 m |
| Weight | 0.1 kg |

Ordering Information

| | |
|----------------|----------------------|
| Product Number | MCAAWB-G1002-A050-V0 |
|----------------|----------------------|

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| Ordering Information | |
|----------------------|-----------------|
| Packaging method | Corn Starch Bag |
| Shipping weight | 0.11 kg |
| Units per delivery | 1/1 |



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