

Everon® Copper Datacom V500S Shielded



The Everon® Copper Datacom V500s module offers high system margins for transmission of digital data signals for future applications in systems up to 10GbE according to the new class EA (ISO/IEC 11801 respectively Cat.6A (ANSI/TIA/EIA 568B.2-10), EN 50173 and IEC 60603-7-51 (IEC48B/1977/CDV). The module is also suitable for Power over Ethernet (PoE) applications in compliance with IEEE 802.3af and the new PoE Plus applications. No special tools are required for either the termination of modules onto cables or the installation of the modules into outlets. The individual single shielding of the modules (in compliance to EN 50174) is absolutely necessary for these high-bit-rate applications.

Features and Benefits

- Fulfils the requirements for the 2 and 3 connector model according to EA Class
- 3-Connector Permanent Link / Channel
- Suitable for EA Class applications according to ISO/IEC 11801 and EN 50173
- Universal application in all modular VOL components
- Quick and easy to install (compact design, only 3 individual components, no specific tools required)
- Individual jack shielding by stable diecast housing
- 360° shield contact and cable strain-relief without cable tie
- Captive dust cover
- All components are certified as Category 6A according to ISO/IEC 11801
- Certified by a vendor-independent and impartial test lab (GHMT AG); PVP Certificate
- Tested and approved for Power over Ethernet applications (PoE/PoE+/4PPoE) according to IEEE 802.3af, IEEE 802.3at and IEEE 802.3bt up to 90W

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CORNING

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Specifications

General Specifications

Category	6A
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Environmental Conditions

Temperature range, operation	-10 °C - 60 °C
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Design

Part Number	Insulation diameter max.	Jack Type	Colour	Housing material	Conductor
XF500003546	1.6 mm	RJ45 - 8/8	White	Metal	AWG 24 - 22
XF500003553	1.6 mm	RJ45 - 8/8	White	Metal	AWG 24 - 22

Mechanical Characteristics

Part Number	Contact surface
XF500003546	Gold, 1.27 µm
XF500003553	Gold, 1.27 µm



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