

Everon® Copper Datacom V500S Shielded VOLOCK6ASNV, V500S, RJ45 Vol, Cat6A, BP480, white

CORNING

Part Number:
XF500003546

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

Fulfills the requirements for the 2and 3connector model according to EA Class

3-Connector Permanent Link / Channel

Suitable for EA Class applications according to ISO/IEC 11801

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)

GHMT überwachtetes Produkt des
Premium Verification Program (PVP)

Tested and approved for Power over Ethernet applications (PoE/PoE+/4PPoE) according to IEEE 802.3af, IEEE



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Specifications

General Specifications

Category	6A
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Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	ISO/ IEC 11801 Edition 2.2, EN 50173-1 ,ANSI/ TIA/ EIA-568-C.2-2009,ISO/IEC 60512-99-01
Design and Test Criteria	IEEE 802.3 10GBASE-T, IEEE 802.3at - PoE+

Design

Jack Type	RJ45 - 8/8
Housing Material	Metal
Color	White
Insulation diameter max.	1.6 mm (0.06 in)
Conductor	24 - 22 AWG
Number of Stranded Wires	7

Mechanical Specifications

Contact surface	Gold, 1.27 μ m
Reproducibility	Several times reusable
Solid Wire Diameter	5 mm to 65 mm (0.2 in to 2.56 in)

Electrical Specifications

Lead Through Resistance	< 200 m Ω
Insulation Resistance	> 500 M Ω
Voltage Rating (Maximum)	<75

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Dimensions

Height	23 mm (0.91 in)
Width	18 mm (0.71 in)
Depth	34 mm (1.34 in)

Ordering Information

Product Number	XF500003546
Packaging Method	Bulk / 1 big Box
Shipping Weight	175 kg
Units per Delivery	480/1



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