

Everon® Copper Datacom V500S Shielded VOLOCK6ASN8, V500S Jack, RJ45 Vol, Cat6A, Bag / 8, White

CORNING

Part Number:
XF500003553

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 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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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+

Environmental Conditions

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

Jack Type	RJ45 - 8/8
Housing material	Metal
Colour	White
Insulation diameter max.	1.6 mm
Conductor	AWG 24 - 22
Number of Stranded Wires	7

Mechanical Specifications

Contact surface	Gold, 1.27 µm
Reproducibility	Several times reusable
Solid Wire Diameter	5 mm to 65 mm
Stranded Wire Diameter	15 mm to 2 mm

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Electrical Specifications

Lead Through Resistance	< 200
Insulation resistance	> 500 MΩ
Voltage Rating (Maximum)	<75

Dimensions

Height	23 mm
Width	18 mm
Depth	34 mm

Ordering Information

Product Number	XF500003553
Packaging method	Bag of 8 / 1 Box
Shipping weight	135 kg
Units per delivery	48/1



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