

Everon® Copper Datacom V500S Shielded

CORNING

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); 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

Everon® Copper Datacom V500S Shielded

CORNING

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

Specifications

General Specifications	
Category	6A

Environmental Conditions	
Temperature Range, Operation	-10 °C - 60 °C (14 °F - 140 °F)

Design					
Part Number	Insulation diameter max.	Jack Type	Color	Housing Material	Conductor
XF500003546	1.6 mm (0.06 in)	RJ45 - 8/8	White	Metal	24 - 22 AWG
XF500003553	1.6 mm (0.06 in)	RJ45 - 8/8	White	Metal	24 - 22 AWG

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



Corning Optical Communications LLC • 4200 Corning Place • Charlotte, NC • 28216 • United States
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/trademarks. All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified. © 2024 Corning Optical Communications. All rights reserved.