

Everon® Copper Datacom E500S OCK6ASEV, E500S Jack, RJ45 Vol, Cat6A, BP480White

CORNING

Part Number:
DE010022742

The Everon® Copper Datacom E500S 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), EN 50173 and IEC 60603-7-51. The module is also suitable for Power over Ethernet (PoE) applications in compliance with IEEE 802.3af (2003) 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

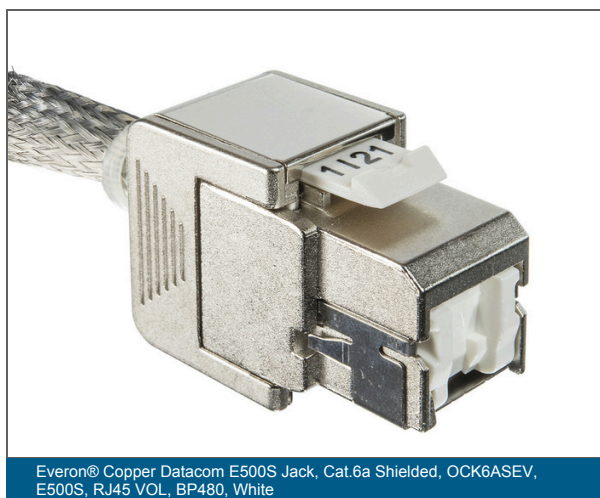
Universal application in all modular VOL components

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



Everon® Copper Datacom E500S Jack, Cat.6a Shielded, OCK6ASEV, E500S, RJ45 VOL, BP480, White

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Specifications

General Specifications

Category	Class EA
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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
Design And Test Criteria	Compliant with PoE / PoE++ IEEE 802.3af, IEEE 802.3at and IEEE 802.3bt, 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	Die-Cast
Colour	Silver
Insulation diameter max.	1.6 mm
Conductor	AWG 26 - 22

Mechanical Specifications

Durability of RJ45 Jack (PoE)	≥ 750 mating cycles under load (48 volt, 600 mA, 25 watt) in compliance with technical transmission parameters
Contact surface	Gold, 1.6 µm
Reproducibility	Several times reusable
Solid Wire Diameter	0.5 mm to 0.65 mm
Stranded Wire Diameter	0.15 mm to 0.2 mm

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Electrical Specifications

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

Dimensions

Height	23 mm
Width	18 mm
Depth	34 mm

Ordering Information

Product Number	DE010022742
Packaging method	Bulk / 1 big Box
Shipping weight	16 kg
Units per delivery	480/1



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