

# FutureCom™ V500S Shielded VOLOCK6ASNV, V500S Jack, RJ45 Vol, Cat6A, BP480, White

CORNING

**Part Number:**  
**XF500003546**

The FutureCom 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 (IEC 48B/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 E Class

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3-Connector Permanent Link / Channel, unabhängig bestätigt

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Suitable for EA Class applications according to ISO/IEC 11801 and EN 50173

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Universal application in all modular VOL components

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Quick and easy to install (compact design, only 3 individual components, no specific tools required )

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Individual jack shielding by stable diecast housing

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360° shield contact and cable strain-relief without cable tie

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Captive dust cover

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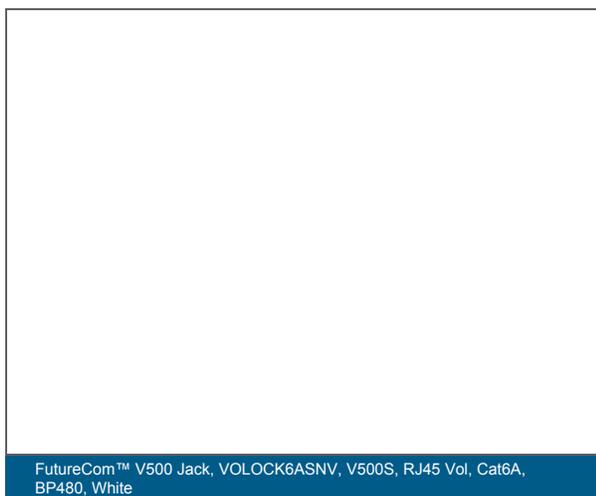
Supports Power over Ethernet (PoE/PoE+/4PPoE)

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All components are certified as Category 6A according to ISO/IEC 11801

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Certified by a vendor-independent and impartial test lab (GHMT AG); PVP Certificate



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## Specifications

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

Mechanical Specifications	
Contact surface	Gold, 1.27 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

General Specifications	
Category	6A

Dimensions	
Length	34 mm
Height	23 mm
Width	18 mm

Ordering Information	
Product Number	XF500003546
Packaging method	Bulk / 1 big Box
Packing Weight	17.5 kg

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Ordering Information	
Units per delivery	480/1

Standards	
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

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



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