FutureCom™ E500S OCK6ASE8, E500S, RJ45 Vol, Cat6A, Bag/8, White

CORNING

Part Number:
DE010022734

The FutureCom 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

Fulfils the requirements for the 2 and 3 connector model according to E Class

3-Connector Permanent Link / Channel, unabhängig bestätigt

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

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

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

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Specifications

Design

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

Mechanical Specifications

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

General Specifications

Category	6A

Dimensions

Length	34 mm
Height	23 mm
Width	18 mm

Ordering Information

Product Number	DE010022734
Packaging Method	Bag of 8 / 1 Box
Packing Weight	1.53 kg

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Ordering Information

Units per Delivery	48/1

Standards

Approvals and Listings	ISO/ IEC 11801 Edition 2.2, EN 50173-1, ANSI/ TIA/ EIA-568-C.2
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

RoHS COMPLIANT

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