FutureCom™ E500 VOLOCK6ASE, E500S, RJ45 Vol, Cat6A, BP480, White

Part Number:
XS005000269

Our Cat.6A copper interconnect products work together to provide an easy-to-use solution for deploying high-speed connections throughout a building. The RJ45 jack is a key component in this system. These RJ45 jacks have been certified by an independent test laboratory to hardware certification. Each jack component is able to terminate to any certified Cat.6 TIA,ISO/IEC and EN standards for hardware performance, confirmed by independent laboratory certifications.The 360° shielding of the jack facilitates a worry-free Category 6A installation. Its design allows an easy, tool-less termination on Volition Category 6A F/UTP, F/FTP and Category 7 S/FTP cables. The Alien Crosstalk, which is crosstalk between pairs in neighbouring cables, but also in RJ45 Jacks, especially in cross connects or patch panels where many channels are adjacent. Shielding is done as protection against the effects of alien crosstalk. The 360° shielding of RJ45 Jack is maintained in the connection to the cable through metal braid of the shielding cap.

Features and Benefits

Tool-less jack
Easy and quick to install - reliable connection
The conductors are wired in a single operation

Reusable
Jack can be reused even after wiring mistake

No untwisting of pairs before termination

Minimized stripping length - limited pair untwist - pairs kept together, no wire guide required

Clip-in mounting
Designed to fit many other accessories

Accepts solid and stranded conductors
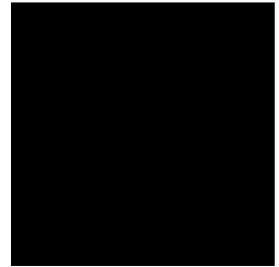Enables "jack-to-plug" cables to be manufactured using stranded conductors

Integral shutter

No additional shuttering required on faceplates

360° Metallic shielding
Immunity to alien crosstalk
No need to test ANEXT on the field, dramatic reduction in testing time

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Specifications

Design

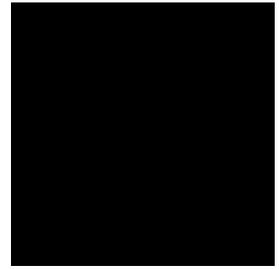|	
Housing Material	Metal
Color	White
Conductor	24 - 22 AWG
Jack Type	RJ45 - 8/8
Insulation diameter max.	1.6 mm
Number of Stranded Wires	7

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

Packaging Method	Bulk / 1 big Box
Packing Weight	17.5 kg
Units per Delivery	480/1

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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