

FutureCom™ V250 VOLOCK6UHV, V250U, RJ45 Vol, Cat6, BP480, White

CORNING

Part Number: XF500006424

Our Cat.6 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 jack's unique three cable entry points help make installation simple. The traditional one-click design enables an easy, tool-less termination on Cat. 6 U/ Unshielded twisted pair cables, meeting industry performance standards.



Features and Benefits

Tool-less jack

Easy and quick to install
Reliable connection
The conductors are wired in a single operation

Three cable entry points

Less cable bending required - better compliance with minimum bend radius
Enables a wide range of cable routing options
Easy to use in tight spaces

Reusable

If a wiring mistake is made, same jack can be reused again

No untwisting of pairs before termination

Minimized stripping length - very limited pair untwist - pairs kept together
Easy fitting of the pairs without threading through a wire guide

Clip-in mounting

Jacks are designed to fit many other accessories on the market

Accepts solid and stranded conductors

Compatible with many cables on the market
Enables "jack-to-plug" cables to be manufactured using stranded conductors

FutureCom™ V250 VOLOCK6UHV, V250U, RJ45 Vol, Cat6, BP480, White



Specifications

Design

Housing Material	Plastic
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, 1.27 µm
Reproducibility	Several times reusable
Solid Wire Diameter	0.5 mm - 0.65 mm
Stranded Wire Diameter	0.15 mm - 0.2 mm

General Specifications

Category	6
----------	---

Dimensions

Length	34 mm
Height	23 mm
Width	18 mm

FutureCom™ V250 VOLOCK6UHV, V250U, RJ45 Vol, Cat6, BP480, White

CORNING

Ordering Information

Packaging Method	Bulk / 1 big Box
Packing Weight	5.9 kg
Units per Delivery	480/1

Standards

Approvals and Listings	ISO/ IEC 11801 Edition 2. Arm 1-2, EN 50173-1 : 2011,ANSI/ TIA/ EIA-568-C.2-2009, ISO/IEC 60603-7-51:2010
Design and Test Criteria	IEEE 802.3 1GBASE-T, IEEE 802.3at

Environmental Conditions

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

Electrical Specifications

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



Corning Optical Communications GmbH & Co. KG • Lelpziger Strasse 121 • 10117 Berlin, Germany
+00 800 2675 4641 • FAX: +49 30 5303 2335 • www.corning.com/opcomm/emea