# FutureCom™ V500 VOLOCK6ASN8, V500S, RJ45 Vol, Cat6A, Bag / 8, White

CORNING

**Part Number:**
**XF500003553**

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.6A cable and patch cord combination to achieve full channel performance. The jack's unique threecable entry points help make installation simple. The traditional one-click design enables an easy, tool-less termination on 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

## 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, 1.27 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 | 6A |

| Dimensions | |
|---|---|
| Length | 34 mm |
| Height | 23 mm |
| Width | 18 mm |

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## Ordering Information

| | |
|---|---|
| Packaging Method | Bag of 8 / 1 Box |
| Packing Weight | 1.35 kg |
| Units per Delivery | 48/1 |

## 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 - 60 °C (14 °F - 140 °F) |

## Electrical Specifications

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

**RoHS** COMPLIANT

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