

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 three cable 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

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### **Three cable entry points**

Less cable bending required - better compliance with minimum bend radius

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### **No untwisting of pairs before termination**

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

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### **Accepts solid and stranded conductors**

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

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### **Integral shutter**

No additional shuttering required on faceplates

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### **Hardware Performance**

Can be mixed and matched with other Hardware certified copper cable and patchcords

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Tested and approved for Power over Ethernet applications (PoE/PoE+/4PPoE) according to IEEE 802.3af, IEEE 802.3at and IEEE 802.3bt up to 90W



| Standards |                                                           |
|-----------|-----------------------------------------------------------|
| RoHS      | Free of hazardous substances according to RoHS 2011/65/EU |

Specifications

| General Specifications |    |
|------------------------|----|
| Category               | 6A |

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

| Design      |                          |            |        |                  |             |
|-------------|--------------------------|------------|--------|------------------|-------------|
| Part Number | Insulation diameter max. | Jack Type  | Color  | Housing Material | Conductor   |
| XF500006358 | 1.6 mm (0.06 in)         | RJ45 - 8/8 | Blue   | Plastic          | 24 - 22 AWG |
| XF500006366 | 1.6 mm (0.06 in)         | RJ45 - 8/8 | Green  | Plastic          | 24 - 22 AWG |
| XF500006374 | 1.6 mm (0.06 in)         | RJ45 - 8/8 | Red    | Plastic          | 24 - 22 AWG |
| XF500006382 | 1.6 mm (0.06 in)         | RJ45 - 8/8 | Yellow | Plastic          | 24 - 22 AWG |
| XF500006390 | 1.6 mm (0.06 in)         | RJ45 - 8/8 | Black  | Plastic          | 24 - 22 AWG |
| XF500006440 | 1.6 mm (0.06 in)         | RJ45 - 8/8 | White  | Plastic          | 24 - 22 AWG |
| XF500006457 | 1.6 mm (0.06 in)         | RJ45 - 8/8 | White  | Plastic          | 24 - 22 AWG |

# Everon® V500 Unshielded



| Mechanical Characteristics |                 |
|----------------------------|-----------------|
| Part Number                | Contact surface |
| XF500006358                | Gold, 1.27 µm   |
| XF500006366                | Gold, 1.27 µm   |
| XF500006374                | Gold, 1.27 µm   |
| XF500006382                | Gold, 1.27 µm   |
| XF500006390                | Gold, 1.27 µm   |
| XF500006440                | Gold, 1.27 µm   |
| XF500006457                | Gold, 1.27 µm   |



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