

# FutureCom™ E250 Unshielded OCK6U8, E250U Jack, RJ45 Vol, Cat6, Bag/8, White

CORNING

**Part Number:**  
**FQ100031258**

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. The jack's unique two 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

### **Two 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**

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

### **PoE Applications**

Supports Power over Ethernet (PoE / PoE+)



FutureCom™ E250 Jack, OCK6U8, E250U, RJ45 Vol, Cat6, Bag/8, White

# FutureCom™ E250 Unshielded OCK6U8, E250U Jack, RJ45 Vol, Cat6, Bag/8, White

CORNING

## Specifications

### Design

Housing material	Plastic
Colour	White
Conductor	AWG 26 - 22
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	6
----------	---

### Dimensions

Length	34 mm
Height	23 mm
Width	18 mm

### Ordering Information

Product Number	FQ100031258
Packaging method	Bag of 8 / 1 Box
Packing Weight	1.24 kg

# FutureCom™ E250 Unshielded OCK6U8, E250U Jack, RJ45 Vol, Cat6, Bag/8, White

CORNING

## Ordering Information

Units per delivery	96/1
--------------------	------

## Standards

Approvals and Listings	ISO/ IEC 11801 Edition 2. Arm 1-2, EN 50173-1 : 2011, ANSI/ TIA/ EIA-568-C.2-2009, ISO 60512-99-01
Design And Test Criteria	IEEE 802.3 1GBASE-T, IEEE 802.3at

## 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



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

A complete listing of the trademarks of Corning Optical Communications is available at [www.corning.com/opcomm/emea/trademarks](http://www.corning.com/opcomm/emea/trademarks). Corning Optical Communications is ISO 9001 and ISO 14001 certified. © 2022 Corning Optical Communications. All rights reserved.