

Everon™ Copper Datacom E250 Unshielded



CORNING

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+)

Everon™ Copper Datacom E250 Unshielded



Specifications

General Specifications

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

Environmental Conditions

Temperature Range, Operation	-10 °C - 60 °C
------------------------------	----------------

Design

Part Number	Insulation diameter max.	Jack Type	Color	Housing Material	Conductor
FQ100031175	1.6 mm	RJ45 - 8/8	Green	Plastic	26 - 22 AWG
FQ100031183	1.6 mm	RJ45 - 8/8	Red	Plastic	26 - 22 AWG
FQ100031191	1.6 mm	RJ45 - 8/8	Yellow	Plastic	26 - 22 AWG
FQ100031209	1.6 mm	RJ45 - 8/8	Black	Plastic	26 - 22 AWG
FQ100031225	1.6 mm	RJ45 - 8/8	Almond	Plastic	26 - 22 AWG
FQ100031241	1.6 mm	RJ45 - 8/8	White	Plastic	26 - 22 AWG
FQ100031258	1.6 mm	RJ45 - 8/8	White	Plastic	26 - 22 AWG
FQ100031266	1.6 mm	RJ45 - 8/8	Black	Plastic	26 - 22 AWG

Mechanical Characteristics

Part Number	Contact surface
FQ100031175	Gold, 1.6 µm
FQ100031183	Gold, 1.6 µm

Everon™ Copper Datacom E250 Unshielded

CORNING

Mechanical Characteristics

Part Number	Contact surface
FQ100031191	Gold, 1.6 µm
FQ100031209	Gold, 1.6 µm
FQ100031225	Gold, 1.6 µm
FQ100031241	Gold, 1.6 µm
FQ100031258	Gold, 1.6 µm
FQ100031266	Gold, 1.6 µm

Ordering Information

Part Number	Units per Delivery
FQ100031241	480/1
FQ100031266	480/1
FQ100031175	96/1
FQ100031183	96/1
FQ100031191	96/1
FQ100031209	96/1
FQ100031225	96/1
FQ100031258	96/1



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

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