

# Everon® Copper Datacom xs500 Copper Jack Cat.6A, Keystone, AWG 26-27, single pack

CORNING

**Part Number:**  
**CAXXSM-00104-C002**

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 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. 6A shielded twisted pair cables, meeting industry performance standards.

## Features and Benefits

Fulfils the requirements for the 2 and 4 connector model according to E Class

3-Connector Permanent Link / Channel, certified by independent testing body

Suitable for EA Class applications according to ISO/IEC 11801 and EN 50173

Industry standard Keystone dimensions

Compatible with existing Corning LANscape Hardware with an adaptor

Easy and quick installation (2-piece design), no special tool needed

Integrated dust cap (colour coding possible with accessories)

All components are certified as Category 6A according to ISO/IEC 11801

### PVP Certificate

Certifié par un laboratoire d'essai indépendant et impartial (GHMT AG)

Strain-relief without cable tie possible

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



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Everon® Copper Datacom xs500fx Copper jack, Cat.6A, Keystone, AWG 26-27, single pack, Tender Text



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## Specifications

General Specifications	
Dust protection	Yes
Product category	Core product
Category	6A
Halogen-free	Yes
Application	10GBase-T
Bandwidth	500 MHz

Standards	
Flame retardance	Class UL94 V-0
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Transmission performance link	Class EA (ISO/IEC 11801 Ed. 2.2 2011)
Component Standard	IEC 60603-7-51 (Edition 1.0 2010)

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Environmental Conditions	
Environmental compatibility	Recyclable and free of heavy metal
Temperature range, installation	-40 °C to 70 °C

Design	
Jack Type	RJ45 - 8/8
Number of Pieces	2
Housing material	Metal
Insulation diameter max.	9 mm
Wire Conductor+Insulation diameter max.	12 mm

Mechanical Specifications	
Durability of RJ45 Jack (PoE)	≥ 750 mating cycles under load (52 volt, 860 mA, 90 watt) in compliance with technical transmission parameters
Durability of RJ45 Jack	≥ 750 mating cycles possible, EN 186000-1, test 4.5.32
Cable Entry	0° to 360° Shield contact and strain relief
IDC Contacts	Suitable for AWG 27 - AWG 26 flex wires
Contact surface	Gold pad in contact area
Reproducibility	Several times reusable
Housing material	Metal

Electrical Specifications	
Input to output DC Resistance Unbalance	< 50 MΩ
Ampacity	≤ 1250 mA (DC)
Input to output DC Resistance	< 200 MΩ
Electric strength DC (conductor/conductor)	≥ 1000 V DC/AC peak
Electrical strength DC (conductor/test plate)	≥ 1500 V DC/AC peak
Insulation resistance	≥ 500 MΩ*km

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## Electrical Specifications

Transfer Impedance

$\leq 200 \text{ m}\Omega$  at 10 MHz [less-than-or-equal-to-200-mohm-at-10-mhz]

## Dimensions

Height

19.6 mm

Width

14.5 mm

Depth

35 mm

Weight

19 g

## Ordering Information

Product Number

CAXXSM-00104-C002

Shipping weight

21 g

Units per delivery

1/1



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