

# FutureCom™ xs500 Copper Jack

Cat.6<sub>A</sub>, Keystone, AWG 22-24, bulk pack (24 pcs.)

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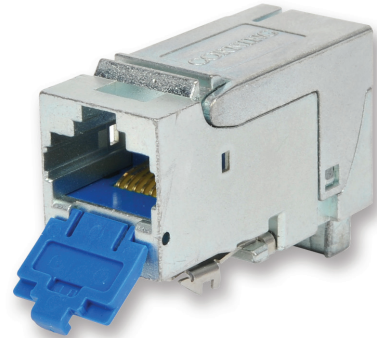
All of Corning's **xtra performance** packaged in an **xtra affordable** form with **xtra flexibility**. At the heart of your copper solution, the xs500 runs through the core of your infrastructure. A FutureCom™ copper jack provides you with a single-sourced, end-to-end shielded copper solution, including Corning's 25-year warranty\*. Request your personal sample now:

[http://cablesystems.corning.com/3\\_xs500EN](http://cablesystems.corning.com/3_xs500EN)

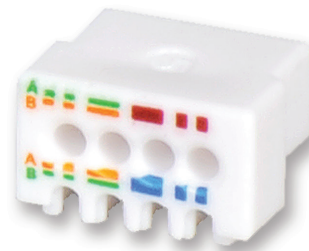
\*Subject to the terms & conditions of the Extended Warranty Program by Corning Cable Systems GmbH & Co. KG.

## Features

- Fulfills 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 Ed. 2.2 (2011) and EN 50173 series (2011)
- Industry standard Keystone dimensions
- Compatible with existing Corning LANscape Hardware with an adaptor
- Easy and quick installation (2-piece design), no special tool needed
- Supports Power over Ethernet (PoE/PoE+)
- Integrated dust cap (colour coding possible with accessories)
- All components are certified as Category 6<sub>A</sub> according to ISO/IEC 11801 Ed. 2.2 of GHMT AG
- Certified by a vendor-independent and impartial test lab (GHMT AG); PVP Certificate



Part Number: CAXXSM-00104-C011-BP



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## Specifications

### General Specifications

Category	6 <sub>A</sub>
Bandwidth	500 MHz
Application	10GBase-T
Halogen-free	Yes
Dust protection	Yes
Transmission performance link	Class E <sub>A</sub> (ISO/IEC 11801 Ed. 2.2 2011)
Component Standard	IEC 60603-7-51 (Edition 1.0 2010)
RJ11 compatible	No
Product category	Core product / Fastship

### Temperature Range

Installation and assembly	-40 °C to 70 °C
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### Design - Hardware

Jack type	RJ45 - 8/8
Housing material	Metal
Number of Pieces	2

### Mechanical Characteristics

Durability of RJ45 Jack	≥ 750
Durability of RJ45 Jack (PoE)	≥ 750 mating cycles under load (48 volt, 15.4 watt) in compliance with technical transmission parameters
Durability of RJ45 Jack (PoE+)	≥ 750 mating cycles under load (48 volt, 600mA, 25 watt) in compliance with technical transmission parameters
IDC Contacts	Suitable for AWG 24-22 solid wires
Reproducibility	Several times reusable
Cable Entry	0 ° with 360 ° shield contact and strain relief
Dimensions (L x W x H)	35 mm x 14.5 mm x 19.6 mm
Weight	19 g

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## Electrical characteristics (at 20°C)

Coupling attenuation	30MHz < f < 100MHz: >45dB / 100MHz < f < fmax: >85-20*log(f)
Transfer Impedance	≤ 200 mΩ at 10 MHz
Ampacity	1250 mA
Input to output DC Resistance	≤ 200 mΩ
Input to output DC Resistance Unbalance	≤ 50 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 (DC)

## Chemical Characteristics

Flame Retardance	Class UL94 V-0
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Environmental Compatibility	Recyclable and free of heavy metal

## Ordering Information

Part Number	CAXXSM-00104-C011-BP
Product Description	Corning FutureCom xs500 Keystone Cat.6 <sub>A</sub> jack, 1xRJ45 Cat.6 <sub>A</sub> , shielded, with dust cover for installation in Keystone patch panels, outlets and floor box mounting panels, pack of 24
EAN Code	4042673589891

## Shipping Information

Packing Weight	465 g
Units Per Delivery	24/1



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