# FutureCom™ xs500 Copper Jack Cat.6A, Keystone, AWG 22-24, bulk pack (24 pcs.)

CORNING

**Part Number:**
**CAXXSM-00104-C011-BP**

All of Corning's extra performance packaged in an extra affordable form with extra flexibility. At the heart of your copper solution, the xs500 runs through the core of your infrastructure. A FutureCom™ copper module provides you with a single-sourced, end-to-end shielded copper solution, including Corning's 25-year warranty.

## 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 Ed. 2.2 (2011) and EN 50173 series (2011)

Industry standard Keystone dimensions

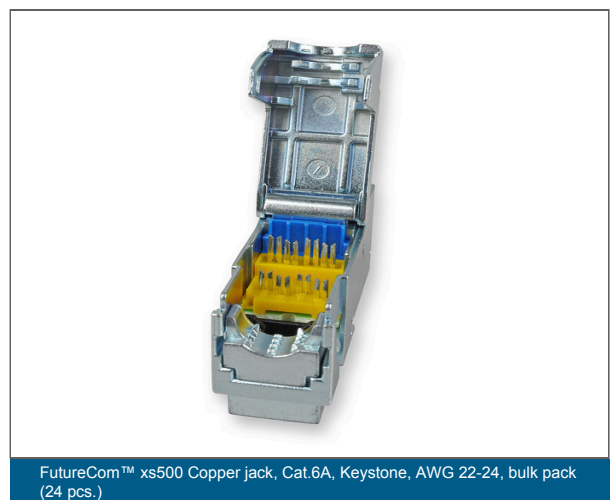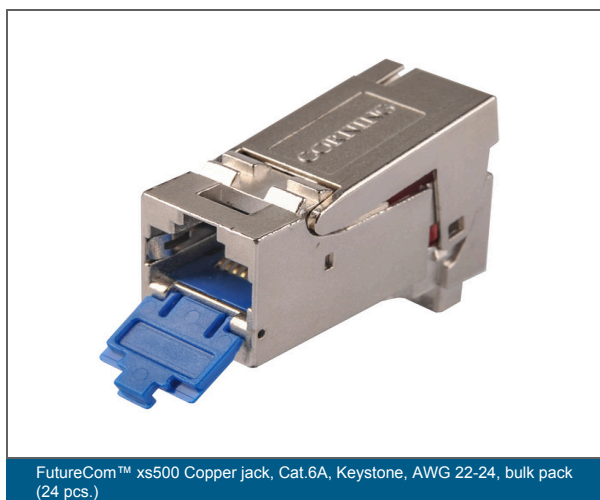Compatible with existing Corning LANscape Hardware with an adaptor

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

Integrated dust cap (colour coding possible with accessories)

All components are certified as Category 6A according to ISO/IEC 11801 Ed. 2.2 of GHMT AG

Certified by a vendor-independent and impartial test lab (GHMT AG); PVP Certificate

Strain-relief without cable tie possible



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## Specifications

| 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. | 1.7 mm |

| Electrical Specifications | |
| --- | --- |
| Input to output DC Resistance Unbalance | 50 MΩ |

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## Electrical Specifications

| | |
|---|---|
| Ampacity | ≤ 1250 mA (DC) |
| Input to output DC Resistance | 200 MΩ |
| Coupling attenuation | 30 MHz < f < 100 MHz: > 45 dB / 100 MHz < f < fmax: > 85-20*log(f) |
| Electric strength DC (conductor/conductor) | ≥ 1000 V DC/AC peak |
| Transfer Impedance | ≤ 200 mΩ at 10 MHz |
| Electrical strength DC (conductor/test plate) | ≥ 1500 V DC/AC peak |

## Mechanical Specifications

| | |
|---|---|
| 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 | ≥ 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 24-22 solid wires |
| Contact surface | Gold pad in contact area |
| Reproducibility | Several times reusable |
| Housing material | Metal |

## General Specifications

| | |
|---|---|
| Product category | Core product / Fastship |
| Category | 6A |
| Halogen-free | Yes |
| Bandwidth | 500 MHz |

## Dimensions

| | |
|---|---|
| Height | 19.6 mm |
| Width | 14.5 mm |
| Depth | 35 mm |

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| Ordering Information | |
| --- | --- |
| Product Number | CAXXSM-00104-C011-BP |
| EAN Code | 4042673589891 |
| Weight | 19 g |
| Packing Weight | 465 g |
| Units per delivery | 24/1 |

| Standards | |
| --- | --- |
| 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) |
| Flame retardance | Class UL94 V-0 |

RoHS
COMPLIANT

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