

# FutureCom™ xs500 Copper Jack

Cat.6<sub>A</sub>, Keystone, AWG 22-24, single pack

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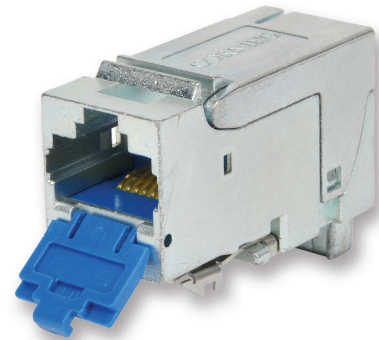
All of Corning's **xtra performance** packaged in an **xtra affordable** form with **xtra flexibility**. At the heart of your copper solution, the xs500 runs through the core of your infrastructure. A FutureCom™ copper jack provides you with a single-sourced, end-to-end shielded copper solution, including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

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

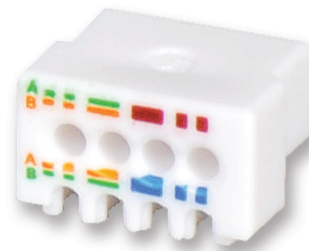
\*Subject to the terms & conditions of the Extended Warranty Program by Corning Cable Systems GmbH & Co. KG.

## Features

- Cat. 6<sub>A</sub> certified by independent testing body
- Suitable for 2 or 4 Connector Cat.6<sub>A</sub> Channels
- 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)



Part Number: CAXXSM-00104-C001



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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 2011-06)
Component Standard	IEC 60603-7-51 (Edition 1.0 2010)

Temperature Range	
Installation and Assembly	-40 °C to 70 °C

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

Electrical characteristics (at 20°C)	
Coupling Attenuation	≥, 75dB-20log(f/100) dB at 100 MHz to 1000 MHz
Transfer Impedance	≤ 200 mΩ at 10 MHz
Ampacity	1250 mA
Input to output DC Resistance	≤ 200 mΩ

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## Electrical characteristics (at 20°C)

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 2002/95/EG
Environmental Compatibility	Recyclable and free of heavy metal

## Ordering Information

Part Number	CAXXSM-00104-C001
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
EAN Code	4042673589730

## Shipping Information

Packing Weight	21 g
Units per Delivery	1/1



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