

FutureCom™ xs500 Copper Jack Cat.6A, Keystone, AWG 26-27, single pack

CORNING

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

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

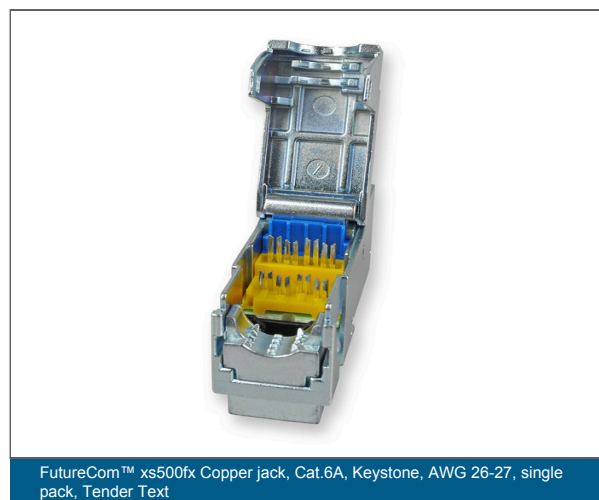
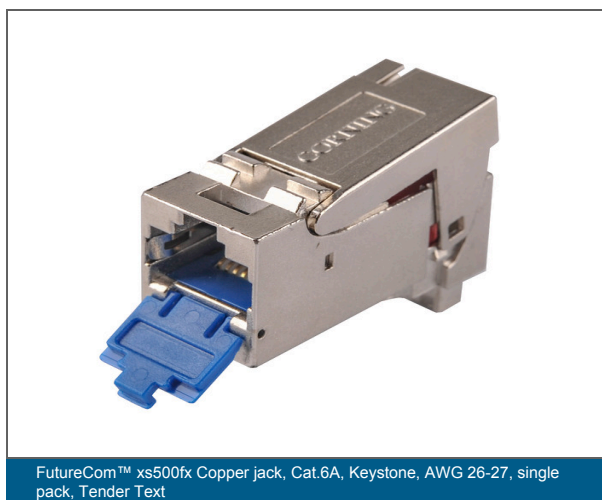
Easy and quick installation (2-piece design), no special tool needed

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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FutureCom™ xs500fx Copper jack, Cat.6A, Keystone, AWG 26-27, single pack, Tender Text



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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.	1.2 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 27 - AWG 26 flex wires
Contact surface	Gold pad in contact area
Reproducibility	Several times reusable
Housing material	Metal

General Specifications

Product category	Core product
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-C002
EAN Code	4042673589570
Weight	19 g
Packing Weight	21 g
Units per delivery	1/1

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



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