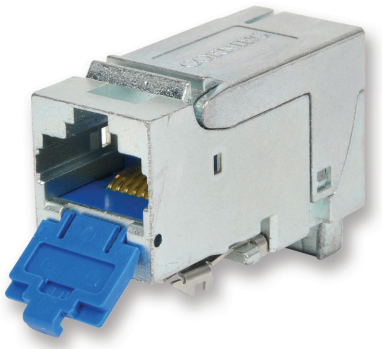
FutureCom™ xs500 Copper Jack

Cat.6_A, Keystone, AWG 22-24, single pack

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

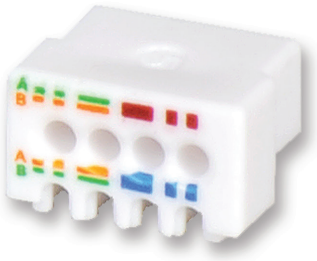
*Subject to the terms & conditions of the Extended Warranty Program by Corning Cable Systems GmbH & Co. KG.



Part Number: CAXXSM-00104-C001

Features

- 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
- Supports Power over Ethernet (PoE/PoE+)
- Integrated dust cap (colour coding possible with accessories)
- All components are certified as Category 6_A according to ISO/IEC 11801 Ed. 2.2 of GHMT AG
- Certified by a vendor-independent and impartial test lab (GHMT AG); PVP Certificate



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Specifications

General Specifications	
Category	6_A
Bandwidth	500 MHz
Application	10GBase-T
Halogen-free	Yes
Dust protection	Yes
Transmission performance link	Class E_A (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

Design - Hardware	
Jack type	RJ45 - 8/8
Housing material	Metal
Number of Pieces	2
Contact Surface	Gold pad in contact area
Insulation diameter max.	9 mm
Wire Conductor+Insulation diameter max.	1.7 mm

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 ° to 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	30 MHz < f < 100 MHz: > 45 dB / 100 MHz < f < f_{max}: > 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-C001
Product Description	Corning FutureCom xs500 Keystone Cat.6_A jack, 1xRJ45 Cat.6_A, 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

RoHS COMPLIANT

GHMT PREMIUM PERFORMANCE VERIFICATION

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