FutureCom™ xs500 Copper Jack

Cat.6$_A$, Keystone, AWG 22-24, bulk pack (24 pcs.)

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.

Features

- Cat. 6$_A$ certified by independent testing body

- Suitable for 2 or 4 Connector Cat.6$_A$ Channels

- Industry standard Keystone dimensions

- Compatible with existing Corning LANscape Hardware with an adaptor
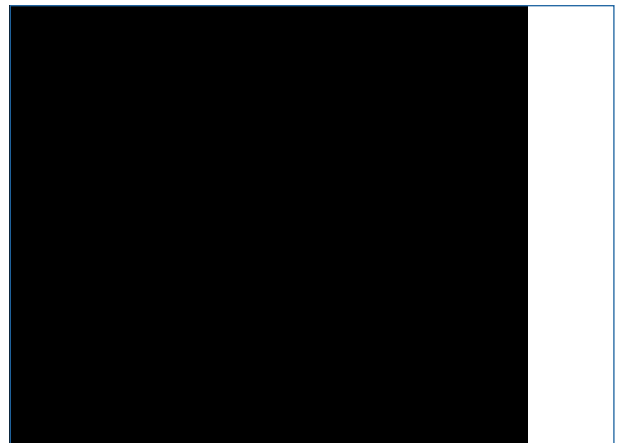
- Easy and quick installation (2-piece design), no special tool needed

- Supports Power over Ethernet (PoE/PoE+)

- Integrated dust cap (colour coding possible with accessories)

Part Number: CAXXSM-00104-C011-BP

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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 2011-06)
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	30MHz < f < 100MHz: >45dB / 100MHz < f < fmax: >85-20*log(f)
Transfer Impedance	200 m at 10 MHz
Ampacity	1250 mA

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Electrical characteristics (at 20°C)

Input to output DC Resistance	200 m
Input to output DC Resistance Unbalance	50 m
Electric strength DC (conductor/conductor)	> 1000 V DC/AC peak
Electrical strength DC (conductor/test plate)	1500 V DC/AC peak
Insulation Resistance	500 M (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-C011-BP
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, pack of 24
EAN Code	4042673589891

Shipping Information

Packing Weight	465 g
Units per delivery	0 080 0262846492·FAX: +49o30 5303123357·www.corning.com/opcomm/