

FutureCom™ EA CP Patch Cord, FRNC, S500^{fx} - RJ45

grey, 15 m

CORNING

Plug and Play™ installation in Data Centre or in LANScape Consolidation Point Housings.

The FutureCom™ S500 consolidation point cable has four individual foil-shielded pairs (PiMF) and an additional braid shield (S/FTP). It is assembled with one shielded RJ45 connector in compliance with IEC 60603-7 and one S500^{fx} module. The FutureCom™ S500 consolidation point cable offers high margins for transmission of digital data signals for future applications in systems up to 10GbE according to the new class E_A (ISO/IEC 11801 Ed.2.2 Amd 2: 2009) respectively Cat.6A (ANSI/TIA/EIA 568B.2-10), EN 50173 and IEC 60603-7-5 Ed. 1.0. It is also suitable for Power over Ethernet (PoE) applications in compliance with IEEE 802.3af (2003) and the new PoE Plus applications.

The zero halogen patch cords (LSZH) are non-corrosive according to IEC 60754-2 (FRNC) and EN 50267, low smoke according to IEC 61034 and EN 50268 and flame retardant according to IEC 60332-1, Category B and EN 50266-2-1.

They are available in different lengths.



Part Number: CCAAGB-F1072-A150-C0

Features

- Plug & Play™ Installation
- 100% factory-tested quality
- No wire map failure during installation
- Short installation time
- Consolidation Point patch cable specified up to 500 MHz in compliance with class E_A and IEEE 802.3an
- S/FTP flex cable, Category 7
- High-quality RJ45 connector for 10 GbE systems
- Connector boot with latch protection

Specifications

General Specifications	
Environment	Indoor
Cable assembly type	Preconnectorised Cables
Cable type	S/FTP
Category	6 _A
Halogen-free	Yes

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Temperature Range

Installation and assembly	0 °C to 50 °C
Operation	-20 °C to 60 °C

Design - Connector A

Connector Type	RJ45 - 8/8
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Mechanical Specifications - Connector A

Durability	750 Cycles
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Design - Connector B

Connector Type	S500 ^{fx}
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Cable design

Min. Bend Radius Installation	40 mm
Min. Bend Radius Operation	18 mm
Outer jacket material	LSZH™/FRNC
Outer diameter	5.8 mm
Outer jacket colour	grey

Mechanical Characteristics

Conductor Insulation	Braided shield Individual pair shield (PiMF)
Copper conductor	AWG 26
Temperature range (installation)	0 °C to 50 °C
Operating temperature	-20 °C to 60 °C

Electrical characteristics (at 20°C)

Frequency [MHz]*	1	10	20	31.25	62.5	100	300	600
Attenuation according to Standard [dB/100 m]*	2.9	8.5	12.1	15.2	21.7	27.8	50	73.3
Typical attenuation [dB/100 m]*	2.9	7.9	10.8	13.5	19.5	25.2	44.3	63.5
NEXT according to Standard [dB/100 m]*	80	80	80	80	75.1	72.4	65.3	60.8

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Electrical characteristics (at 20°C)

Typical NEXT Values [dB/100 m]*	96	96	96	96	95	94	86	80
ACR-N according to Standard [dB/100 m]*	77.1	71.5	67.9	64.8	53.4	44.6	15.3	-12.5
Typical ACR-N Values [dB/100 m]*	93.1	88.1	85.2	82.5	75.5	68.8	41.7	16.5
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Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Ordering Information

Part Number	CCAAGB-F1072-A150-C0
Product Description	FutureCom™ EA Consolidation Point Patch Cord, 1x, FRNC, both ends terminated, S500 module - RJ45 connector, gray, 15 m
EAN Code	4042673315469
Length	15 m
Weight	0.72 kg

Shipping Information

Units Per Delivery	1/1
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Corning Optical Communications GmbH & Co. KG · Leipziger Strasse 121 · 10117 Berlin, GERMANY
00 800 2676 4641 · FAX: +49 30 5303 2335 · www.corning.com/opcomm/emea

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