

FutureCom™ EA CP Patch Cord, FRNC, S500fx - RJ45 Gray, 15 m

CORNING

Part Number:
CCAAGB-F1072-A150-C0

Features and Benefits

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 EA and IEEE 802.3an

S/FTP flex cable, Category 7

High-quality RJ45 connector for 10 GbE systems

Connector boot with latch protection

FutureCom™ EA CP Patch Cord, FRNC, S500fx - RJ45 Gray, 15 m

CORNING

Specifications

General Specifications

Cable Assembly Type	Preconnectorized Cable
Environment	Indoor
Category	6A
Cable Type	S/FTP
Halogen-free	Yes

Specifications - Connector A

Connector Type	RJ45 - 8/8
Durability Cycles	750 N/A

Cable Design

Conductor Insulation	Halogen-free foam-skin material
Conductor	Copper Wire, AWG 26
Twisting	2 cores to a pair
Pair screen	Al-laminated foil around each pair
Overall screen	Copper braid, tinned
Outer Jacket Material	LSZH™/FRNC
Outer Jacket Color	Gray

Specifications - Connector B

Connector Type	S500fx
----------------	--------

FutureCom™ EA CP Patch Cord, FRNC, S500fx - RJ45 Gray, 15 m

CORNING

Specifications - Connector B

Durability Cycles

750 N/A

Standards

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

Environmental Conditions

Temperature Range, Installation

0 °C - 50 °C (32 °F - 122 °F)

Temperature Range, Operation

-20 °C - 60 °C (-4 °F - 140 °F)

Mechanical Specifications

Min. Bend Radius Installation

47 mm

Electrical Characteristics

Frequency [MHz]	1	10	20	31	62	100	300	600
Attenuation according to Standard [db/100m]	2.9	8.5	12.1	15.2	21.7	27.8	50.0	73.3
Typical attenuation [db/100m]	2.9	7.9	10.8	13.5	19.5	25.2	44.3	63.5
NEXT according to Standard [db/100m]	80.0	80.0	80.0	80.0	75.1	72.4	65.3	60.8
Typical NEXT Values [db/100m]	96.0	96.0	96.0	96.0	95.0	94.0	86.0	80.0
ACR-N according to Standard [db/100m]	77.1	71.5	67.9	64.8	53.4	44.6	15.3	-12.5
Typical ACR-N Values [db/100m]	93.1	88.1	85.2	82.5	75.5	68.8	41.7	16.5

FutureCom™ EA CP Patch Cord, FRNC, S500fx - RJ45 Gray, 15 m

CORNING



Corning Optical Communications GmbH & Co. KG • Lelpziger Strasse 121 • 10117 Berlin, Germany
+00 800 2675 4641 • FAX: +49 30 5303 2335 • www.corning.com/opcomm/emea