

# FutureCom™ F Patch Cord, FRNC, S1200/2 - RJ45 connector, 10/100Base-T Gray, 5 m



CORNING

## Part Number: CCAFGD-D1024-A050-C1

The FutureCom™ F Category 5 patch cords are foil and braid shielded (SF/UTP). They are assembled with one S1200/2 and one RJ45 shielded connector. 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 various lengths and colors.

## Features and Benefits

SF/UTP flex cable, specified up to 300 MHz

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Preterminated with one S1200/2 and one RJ45 connector, application specific

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Minimum surface transfer impedance of cable (<10 mΩ/m at 10 MHz)

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Outstanding transmission characteristics according to class D (ISO/IEC 11801 Ed.2.2) link specification

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Category 5 / 5e

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## Specifications

Environmental Conditions	
Temperature Range, Installation	0 °C - 50 °C (32 °F - 122 °F)
Temperature Range, Operation	-20 °C - 60 °C (-4 °F - 140 °F)

General Specifications	
Cable Assembly Type	Patch Cords
Environment	Indoor
Category	5/5e
Cable Type	SF/UTP
Halogen-free	Yes

Mechanical Specifications	
Fire Load	0.43 MJ/m
Min. Bend Radius Installation	47 mm

Electrical Specifications	
Delay skew	300 ns/100 m
DC resistance unbalance	4.5 %
Insulation Resistance	150 MΩ*km
Surface transfer impedance	100 mΩ

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## Specifications - Connector A

Connector Type	S1200 - 2 pairs
Durability Cycles	750 N/A

## Cable Design

Conductor	Copper Wire, AWG 26
Outer Jacket Material	LSZH™/FRNC
Outer Jacket Color	Gray

## Specifications - Connector B

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

## Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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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](http://www.corning.com/opcomm/emea)