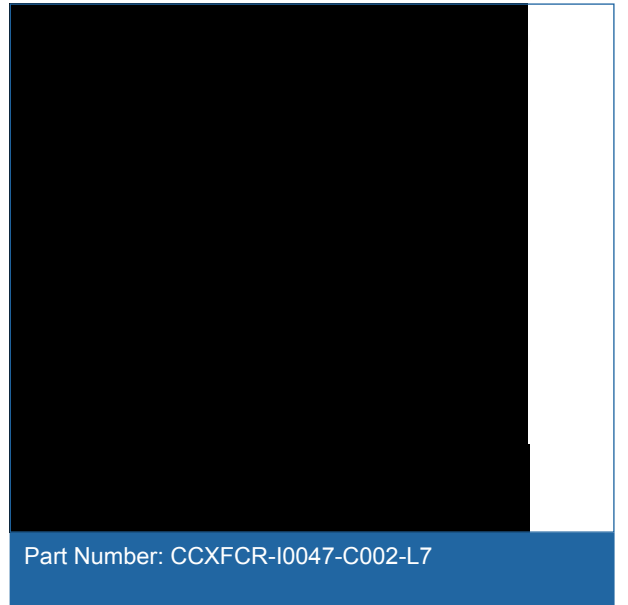


FutureCom™ S/FTP 1200/22s, blue

Category 7_{A+}, 1000 m

CORNING

Specifications

General Specifications

Environment	Indoor
Cable type	S/FTP
Category	7 _{A+}
Bandwidth	1300 MHz
Halogen-free	Yes
Construction	Simplex, 4P

Temperature Range

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

Cable design

No. of pairs	4
Outer jacket material	LSZH™/FRNC
Outer jacket colour	blue

Mechanical Characteristics

Conductor Insulation	Halogen-free foam-skin material
Min. Bend Radius Operation	3x Cable-Ø (over flat side)
Min. Bend Radius Installation	8x Cable-Ø (over flat side)
Copper conductor	AWG 22
Fire Load	0.56 MJ/m
Maximum Tensile Strength	179 N
Nominal Outer Diameter	7.3 mm

Electrical characteristics (at 20°C)

Largest resistance margin	1 %
Insulation Resistance	> 5000 MΩ x km
Surface transfer impedance	< 10 mΩ/m at 10 MHz
Propagation velocity at >10 MHz (NVP*c)	0.77 * c

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Electrical characteristics (at 20°C)

Propagation delay ≥10 MHz	4.2 ns/m
Delay skew	10 ns/100 m
Coupling attenuation	80 dB
Max. loop resistance	118 Ω/km

Electrical characteristics (at 20°C)

Frequency [MHz]*	1	4	10	100	300	600	1,000	1,200	1,300
Attenuation according to Standard [dB/100 m]*	2.1	3.7	5.8	18.5	32.7	47.1	61.9	-	-
Typical Attenuation [dB/100 m]*	1.7	3.3	5	16.7	29.1	41.7	54.5	59	62.5
NEXT according to Standard [dB/100 m]*	78.0	78.0	78.0	72.4	65.2	60.7	57.4	-	-
Typical NEXT Values [dB/100 m]*	105	105	105	105	101	96	89	86	84
ACR-N according to Standard [dB/100 m]*	75.9	74.3	72.2	74.3	32.6	13.6	-4.5	-	-
Typical ACR-N Values [dB/100 m]*	103.3	101.7	100	88.3	71.9	54.3	34.5	27	21.5

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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Ordering Information

Part Number	CCXFCR-I0047-C002-L7
Product Description	FutureCom™ S/FTP 1200/22s, 1000 m
EAN Code	4042673271529
Weight	52 kg/km
Length	1,000 m

Shipping Information

Maximum delivery length	1,000 m
Packing type	Drum

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The Corning logo consists of a solid blue square with the word "CORNING" in white, uppercase, sans-serif font centered within it.

Notes



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