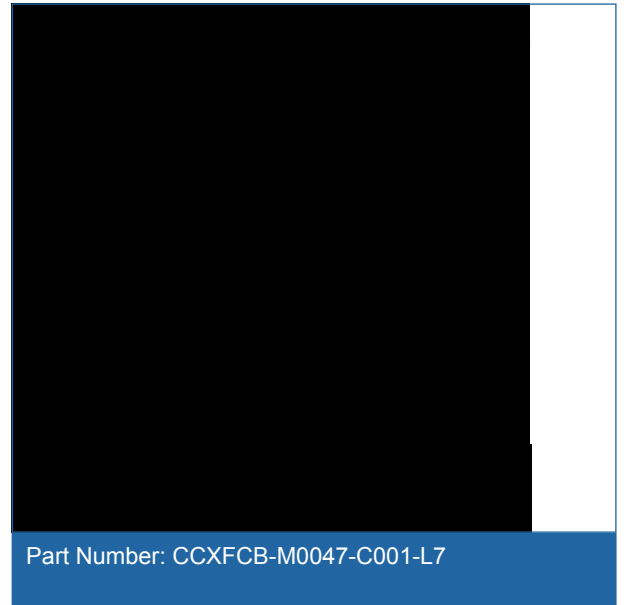


FutureCom™ S/FTP 1500/22, blue

Category 7_{A+}, 1000 m

CORNING

Specifications

General Specifications

Environment	Indoor
Cable type	S/FTP
Category	7 _{A+}
Bandwidth	1600 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	0.66 MJ/m
Maximum Tensile Strength	179 N
Nominal outer diameter	7.7 mm

Electrical characteristics (at 20°C)

Largest resistance margin	1 %
Insulation Resistance	
Surface transfer impedance	
Propagation velocity at >10 MHz (NVP*c)	0.76 * c

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Electrical characteristics (at 20°C)

	4.2 ns/m
Delay skew	6 ns/100 m
Coupling attenuation	90 dB
Max. loop resistance	

Electrical characteristics (at 20°C)

Frequency [MHz]*	1	4	10	100	300	600	1,000	1,200	1,500	1,600
Attenuation according to Standard [dB/100 m]*	-	3.5	5.4	17.5	31.5	46.3	62.0	69.0	-	-
Typical attenuation [dB/100 m]*	1.6	3.1	4.2	14.4	28	37.7	49	54.9	62	66
NEXT according to Standard [dB/100 m]*	-	78.0	78.0	76.0	69.0	64.0	61.0	60.0	-	-
Typical NEXT Values [dB/100 m]*	110	110	110	110	105	100	92	88	80	74
ACR-N according to Standard [dB/100 m]*	-	-	73.0	59.0	37.0	18.0	-	-	-	-
Typical ACR-N Values [dB/100 m]*	108.4	106.9	105.8	95.6	77	62.3	43	33.1	18	8

Chemical Characteristics

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

Part Number	CCXFCB-M0047-C001-L7
Product Description	FutureCom™ S/FTP 1500/22, 4P, LSOH-3 Cable: twisted pair, foilshielded pair(PIMF) and braid shield, spec. up to 1600MHz, AWG 22, 4 pairs, LSOH flame-retardant acc. to IEC60332-3, blue, Cat.7 _{A+} acc. ISO/IEC11801, FRNC
EAN Code	4042673577539
Weight	66 kg/km
Length	1,000 m

Shipping Information

Packing type	Drum
Maximum delivery length	1,000 m

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Notes

