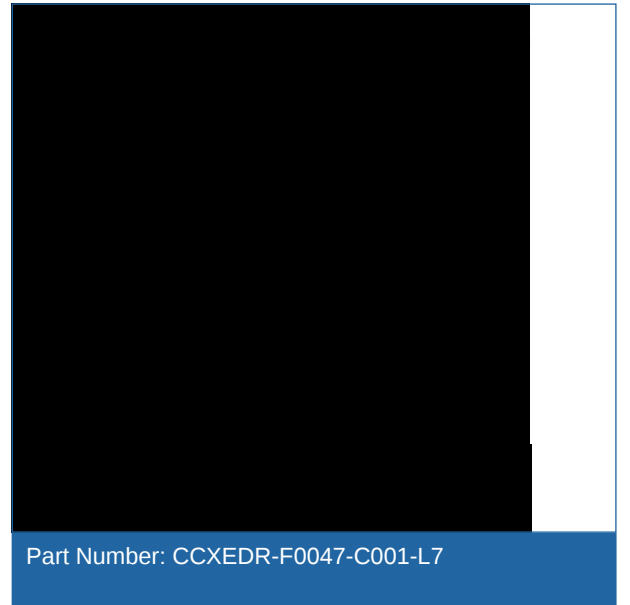


FutureCom™ S/FTP 800/23s, blue

Category 7, 1000 m

CORNING

Specifications

General Specifications

Environment	Indoor
Cable type	S/FTP
Category	7
Bandwidth	1000 MHz
Halogen-free	Yes

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 23
Fire Load	0.56 MJ/m
Maximum Tensile Strength	154 N
Nominal Outer Diameter	7.3 mm

Electrical characteristics (at 20°C)

Largest resistance margin	1 %
Insulation Resistance	
Surface transfer impedance	
Propagation velocity at >10 MHz (NVP*c)	0.79 * c
	4.2 ns/m

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Electrical characteristics (at 20°C)

Delay skew	4 ns/100 m
Coupling attenuation	80 dB
Max. loop resistance	

Electrical characteristics (at 20°C)

Frequency [MHz]*	1	4	10	100	300	600	800	1,000
Attenuation according to Standard [dB/100 m]*	2.0	-	5.7	18.5	33.3	48.9	-	-
Typical Attenuation [dB/100 m]*	1.8	3.4	5	16.9	30.7	43.0	51.0	58
NEXT according to Standard [dB/100 m]*	80.0	-	80.0	72.4	65.3	60.8	-	-
Typical NEXT Values [dB/100 m]*	102	102	102	102.0	95.0	92.0	90.0	80
ACR-N according to Standard [dB/100 m]*	-	-	-	53.9	32.0	11.9	-	-
Typical ACR-N Values [dB/100 m]*	100.2	98.6	97	85.1	64.3	49.0	39.0	22

Chemical characteristics

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

Part Number	CCXEDR-F0047-C001-L7
Product Description	FutureCom™ S/FTP 800/23s FRNC, 1000 m
EAN Code	4042673577157
Weight	52 kg/km
Length	1,000 m

Shipping Information

Maximum delivery length	1,000 m
Packing type	Drum

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Notes

