



Product: [FISD002R9](#)

Indoor Riser OS2 Distribution Tight Buffer 2 Fibers

Product Description

FX Indoor OS2 Distribution Tight Buffer 2 Fibers OFNR Non-Unitized Yellow Jacket

Technical Specifications

Part Number:	FISD002R9
Construction Type:	Distribution

Product Overview

Print Legend:	BELDEN 2XOS2 INDOOR DISTRIBUTION CABLE FISD002R9 E95466(-PLANT ID) (UL) TYPEOFNR C(UL)OFNR --- FT4 --- ROHS (LOT NUMBER) (MMYYYY DATE CODE) (SEQUENTIAL MATERIAL)
Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OS2	2

Fiber Color Coding:	Blue, Orange
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Buffer Specification

Buffer Material	Buffer Diameter
Thermoplastic	900 µm

SubUnit Specifications

Fibers Per Subunit:	2
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Jacket Specifications

Number of Jackets:	Single Jacket
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Outer Jacket Material

Material	Nominal Diameter
PVC	0.18 in (4.6 mm)

Outer Jacket Color:	Yellow
Number of Outer Jacket Ripcords:	1

Optical Characteristics

Mode Field Diameter:	9.2
Fiber Core Diameter:	8.2/125µm
Max Attenuation at 1310 nm:	0.5 dB/km
Max Attenuation at 1550 nm:	0.5 dB/km
Wavelength:	1310 nm / 1550 nm
10 Gigabit Ethernet Performance:	10,000 m / 40,000 m
1 Gigabit Ethernet Performance:	5,000 m / -

Min Overfilled Launch (OFL) Bandwidth:	0
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Mechanical Characteristics

Mechanical Tests

Description	Requirement/Value
Cable Min. Bend Radius Installation (Short Term)	20x Cable OD
Cable Min. Bend Radius Operation (Long Term)	10x Cable OD
Cable Max. Tensile Strength Installation (Short Term)	28 N (125 lbf)
Cable Max. Tensile Strength Operation (Long Term)	11 N (50 lbf)

Temperature Range

Operating Temp Range:	-20C to +70C
Installation Temp Range:	-10C to +60C
Storage Temp Range:	-40C to +70C

Standards

UL Rating/Flame Test:	Riser
CEC/C(UL) Specification:	OFNR
Telecommunications Standards:	ANSI/ICEA S-83-596
RoHS:	Yes

History

Variants

Item #	Color	UPC
FISD002R9	Yellow	612825372233

Update and Revision:	Revision Number: 0.187 Revision Date: 05-14-2020
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