



**Product:** [FISD002P9](#)

Indoor Plenum OS2 Distribution Tight Buffer 2 Fibers

**Product Description**

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

**Technical Specifications**

Part Number:	FISD002P9
Construction Type:	Distribution

**Product Overview**

Print Legend:	BELDEN 2XOS2 INDOOR DISTRIBUTION CABLE FISD002P9 E95466(-PLANT ID) (UL) TYPE OFNP C(UL) OFNP --- FT6 --- 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
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Number of Outer Jacket Ripcords:	1
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**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 / -
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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:	0C to +70C
Installation Temp Range:	0C to +60C
Storage Temp Range:	-40C to +70C

### Standards

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

### History

#### Variants

Item #	Color	UPC
FISD002P9	Yellow	612825372561

Update and Revision:	Revision Number: 0.57 Revision Date: 08-22-2019
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