



**Part Number:** FISD012P9

Indoor Plenum OS2 Distribution Tight Buffer 12 Fibers

**Product Description**

FX Indoor OS2 Distribution Tight Buffer 12 Fibers OFNP Non-Unitized Yellow Jacket

**Technical Specifications**

**Product Overview**

Part Number:	FISD012P9
Construction Type:	Distribution
Environmental Space:	Indoor
Suitable Applications:	Indoor

**Construction**

**Fiber Cable Construction**

Fiber Type	Fiber Count
OS2	12

Fiber Type:	OS2
Fiber Count:	12
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua

**Buffer Specification**

Fiber Type	Buffer Material	Buffer Diameter
OS2	Thermoplastic	900 µm

Central Strength Member:	Upjacketed GRP
--------------------------	----------------

**SubUnit Specifications**

Fibers Per Subunit:	12
---------------------	----

**Jacket Specifications**

Number of Jackets:	Single Jacket
--------------------	---------------

**Outer Jacket Material**

Material	Nominal Diameter
PVC	0.23 in (5.8 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 / -

## Mechanical Characteristics

Min Bend Radius During Installation:	20x Cable OD
Min Bend Radius During Operation:	10x Cable OD
Max Tensile Strength During Installation:	34 N (150 lbf)
Max Tensile Strength During Operation:	17 N (75 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
FISD012P9	Yellow

© 2019 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.