



**Part Number:** FISD048RK

Indoor Riser OS2 Distribution Tight Buffer 48 Fibers

## Product Description

FX Indoor OS2 Distribution Tight Buffer 48 Fibers OFNR Sub-Units (12F) Yellow Jacket

## Technical Specifications

### Product Overview

Part Number:	FISD048RK
Construction Type:	Distribution
Environmental Space:	Indoor
Suitable Applications:	Indoor

### Construction

#### Fiber Cable Construction

Fiber Type	Fiber Count
OS2	48

Fiber Type:	OS2
Fiber Count:	48
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

Number of Active Subunits:	4
Number of Subunit Positions:	4
Fibers Per Subunit:	12
SubUnit Diameter:	0.230 in (5.8 mm)
SubUnit Waterblocking:	no

### Jacket Specifications

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

#### Outer Jacket Material

Material	Nominal Diameter
PVC	0.66 in (16.8 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 / -
Min Overfilled Launch (OFL) Bandwidth:	0

Mechanical Characteristics

Min Bend Radius During Installation:	20x Cable OD
Min Bend Radius During Operation:	10x Cable OD
Max Tensile Strength During Installation:	144 N (640 lbf)
Max Tensile Strength During Operation:	72 N (320 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
FISD048RK	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.