



Product: [FISD024FJ](#)

Indoor Riser OS2 Distribution Tight Buffer 24 Fibers

Product Description
FX Indoor OS2 Distribution Tight Buffer 24 Fibers OFCR Aluminum Interlocked Armor Sub-Units(6F) Yellow Jacket

Technical Specifications

Part Number:	FISD024FJ
Construction Type:	Distribution

Product Overview

Print Legend:	BELDEN 24xOS2 INDOOR DISTRIBUTION CABLE FISD024FJ E95466(-PLANT ID) (UL) TYPE OFCR C(UL) OFCR --- FT4 --- ROHS (LOT NUMBER) (MMYYYY DATE CODE) (SEQUENTIAL MATERIAL)
Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OS2	24

Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua
---------------------	---

Buffer Specification

Buffer Material	Buffer Diameter
Thermoplastic	900 µm

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

SubUnit Specifications

Number of Active Subunits:	4
Number of Subunit Positions:	4
Fibers Per Subunit:	6
SubUnit Diameter:	0.180 in (4.6 mm)
SubUnit Waterblocking:	no

Jacket Specifications

Number of Jackets:	Double Jacket
Type of Armor:	Interlocked Aluminum
Number of Inner Jacket Ripcords:	1
Color@InnerJacket1:	Yellow
Nominal Diameter@InnerJacket1:	0.50 in
Material@InnerJacket1:	PVC

Outer Jacket Material

Material	Nominal Diameter
PVC	0.845 in (21.5 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

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)	135 N (600 lbf)
Cable Max. Tensile Strength Operation (Long Term)	45 N (200 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
FISD024FJ	Yellow	6182825368878

Update and Revision:	Revision Number: 0.61 Revision Date: 02-19-2019
----------------------	---

© 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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable:](#)

[FISD024FJ](#)