



Part Number: FD2D024FJ

Indoor/Outdoor Riser OM2 Distribution 24F Armor Unitized

Product Description
FX Indoor/Outdoor OM2 Distribution Tight Buffer 24 Fibers OFCR Aluminum Interlocked Armor Sub-Units(6F) Black Jacket

Technical Specifications

Part Number:	FD2D024FJ
Construction Type:	Distribution
Environmental Space:	Indoor/Outdoor
Print Legend:	BELDEN 24xOM2 IN/OUTDOOR DISTRIBUTION CABLE FD2D024FJ E95466(-PLANT ID) (UL) TYPE OFCR C(UL) OFCR --- FT4 --- ROHS (LOT NUMBER) (MMYYYY DATE CODE) (SEQUENTIAL MATERIAL)
Suitable Applications:	Indoor / Outdoor

Fiber Cable Construction

Fiber Type	Fiber Count
OM2	24

Fiber Type:	OM2
Fiber Count:	24
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua

Buffer Specification

Fiber Type	Buffer Material	Buffer Diameter
OM2	Thermoplastic	900 µm

Central Strength Member:	Upjacketed GRP
Cable Core Water Blocking:	Waterblocking Tape
Number of Active Subunits:	4
Number of Subunit Positions:	4
Fibers Per Subunit:	6
SubUnit Diameter:	0.180" (4.6 mm)
SubUnit Waterblocking:	Water Blocking Aramid Yarns
Number of Jackets:	Double Jacket
Type of Armor:	Interlocked Aluminum
Number of Inner Jacket Ripcords:	1
Color@InnerJacket1:	Black
Nominal Diameter@InnerJacket1:	0.50 in
Material@InnerJacket1:	PVC

Outer Jacket Material

Material	Nominal Diameter
PVC	0.87 in (22.1 mm)

Outer Jacket Color:	Black
Number of Outer Jacket Ripcords:	1
Effective Modal Bandwidth (EMB):	950 MHz-km / 500 MHz-km
Fiber Core Diameter:	50/125µm
Max Attenuation at 1300 nm:	1.25 dB/km
Max Attenuation at 850 nm:	3.5 dB/km
Wavelength:	850 nm / 1300 nm
10 Gigabit Ethernet Performance:	150 m / 300 m

1 Gigabit Ethernet Performance:	550 m / 550 m
Min Overfilled Launch (OFL) Bandwidth:	700 MHz-km / 500 MHz-km
Min Bend Radius During Installation:	20x Cable OD
Min Bend Radius During Operation:	10x Cable OD
Max Tensile Strength During Installation:	600 (2670)
Max Tensile Strength During Operation:	200 (890)
Operating Temp Range:	-40C to +70C
Installation Temp Range:	-20C to +70C
Storage Temp Range:	-40C to +70C
UL Rating/Flame Test:	Riser
CEC/C(UL) Specification:	OFNR
Telecommunications Standards:	ANSI/ICEA S-104-696
RoHS:	Yes

Variants

Item #	Color
FD2D024FJ	Black

© 2018 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.