



**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

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