

## Part Number: FD2D048LKO



### Indoor/Outdoor Riser OM2 Distribution Tight Buffer 48f

#### Product Description

FX Indoor/Outdoor OM2 Distribution Tight Buffer 48 Fibers LSZH Sub-Units (12F) Orange Jacket

#### Technical Specifications

Part Number:	FD2D048LKO
Construction Type:	Distribution
Environmental Space:	Indoor/Outdoor
Print Legend:	BELDEN 48xOM2 IN/OUTDOOR DISTRIBUTION CABLE FD2D048LKO E95466-(PLANT ID) (UL) TYPE OFNR C(UL) OFNR --- FT4 --- ROHS (LOT NUMBER) (MMYYYY DATE CODE) (SEQUENTIAL MATERIAL)
Suitable Applications:	Indoor / Outdoor

#### Fiber Cable Construction

Fiber Type	Fiber Count
OM2	48
Fiber Type:	OM2
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
OM2	Thermoplastic	900 $\mu$ m
Central Strength Member:		Upjacketed GRP
Cable Core Water Blocking:		Waterblocking Tape
Number of Active Subunits:		4
Number of Subunit Positions:		4
Fibers Per Subunit:		12
SubUnit Diameter:		0.230 in (5.8 mm)
SubUnit Waterblocking:		Water Blocking Aramid Yarns
Number of Jackets:		Single Jacket

#### Outer Jacket Material

Material	Nominal Diameter
LSZH	0.69 in (17.5 mm)
Outer Jacket Color:	Orange
Number of Outer Jacket Ripcords:	1
Effective Modal Bandwidth (EMB):	950 MHz-km / 500 MHz-km
Fiber Core Diameter:	50/125 $\mu$ m
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 (880)
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
FD2D048LKO	Orange

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