

## Part Number: FI4D096FKA



### Indoor Riser OM4 Distribution 96F Aluminum Armor Unitized

#### Product Description

Indoor OM4 Distribution Tight Buffer 96 Fibers OFCR Aluminum Interlocked Armor Sub-Units(12F) Aqua Jacket

#### Technical Specifications

Part Number:	FI4D096FKA
Construction Type:	Distribution
Environmental Space:	Indoor
Print Legend:	BELDEN 96xOM4 INDOOR DISTRIBUTION CABLE FI4D096FKA E95466(-PLANT ID) (UL) TYPE OFCR C(UL) OFCR --- FT4 --- ROHS (LOT NUMBER) (MMYYYY) DATE CODE (SEQUENTIAL MATERIAL)
Suitable Applications:	Indoor

#### Fiber Cable Construction

Fiber Type	Fiber Count
OM4	96
Fiber Type:	OM4
Fiber Count:	96
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua

#### Buffer Specification

Fiber Type	Buffer Material	Buffer Diameter
OM4	Thermoplastic	900 $\mu$ m
Central Strength Member:		Upjacketed GRP
Number of Active Subunits:		8
Number of Subunit Positions:		8
Fibers Per Subunit:		12
SubUnit Diameter:		.230 in (5.8 mm)
SubUnit Waterblocking:		no
Number of Jackets:		Double Jacket
Type of Armor:		Interlocked Aluminum
Number of Inner Jacket Ripcords:		1
Color@InnerJacket1:		Aqua
Nominal Diameter@InnerJacket1:		0.94 in
Material@InnerJacket1:		PVC

#### Outer Jacket Material

Material	Nominal Diameter
PVC	1.295 in (32.9 mm)
Outer Jacket Color:	Violet
Number of Outer Jacket Ripcords:	1
Effective Modal Bandwidth (EMB):	4700 MHz-km / 500 MHz-km
Fiber Core Diameter:	50/125 $\mu$ m
Max Attenuation at 1300 nm:	1.2 dB/km
Max Attenuation at 850 nm:	3.0 dB/km
Wavelength:	850 nm / 1300 nm
10 Gigabit Ethernet Performance:	550 m / 300 m
1 Gigabit Ethernet Performance:	- / 550 m

Min Overfilled Launch (OFL) Bandwidth:	3500 MHz-km /550 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:	-20C to +70C
Installation Temp Range:	-10C to +60C
Storage Temp Range:	-40C to +70C
UL Rating/Flame Test:	Riser
CEC/C(UL) Specification:	OFNR
Telecommunications Standards:	ANSI/ICEA S-83-596
RoHS:	Yes

#### Variants

Item #	Color
F14D096FKA	Aqua

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