Product: FD4H0125G ⧉

Indoor/Outdoor Riser Heavy Duty Loose Tube OM4 12F Armor Unitized

IMAGE COMING SOON

Product Description

Indoor/Outdoor Heavy Duty Loose Tube OM4 12 Fibers OFCR Corrugated Steel Tape Armor Sub-Units(12F) Gel Black

Technical Specifications

Product Overview

Construction Type:	Heavy Duty Multi Loose Tube
Print Legend:	BELDEN 12XOM4-BIF IN/OUTDOOR ARMORED LOOSE TUBE CABLE FD4H0125G E95466(-PLANT ID) (UL) TYPE OFNR C(UL) ---FT4--- ROHS (LOT LENGTH MARKING) (MMYYYY DATE CODE) (SEQUENTIAL LENGTH MARKING)
Environmental Space:	Indoor/Outdoor

Construction

Fiber Cable Construction

Fiber Count
12

Central Strength Member:	GRP
Cable Core Waterblocking:	Waterblock Tape

SubUnit Specifications

Number of Active Subunits:	2
Number of Subunit Positions:	5
Fibers Per Subunit:	12
Subunit Diameter:	0.110 in (2.8 mm)
Subunit Waterblocking:	Gel Filled

Jacket Specifications

Number of Jackets:	Double Jacket
Type of Armor:	Corrugated Steel Tape

Inner Jacket

Number of Ripcords:	2
Color:	Black
Material:	PVC - Polyvinyl Chloride

Outer Jacket Specifications

Outer Jacket

Nominal Diameter
0.63 in (16 mm)

Number of Ripcords:	2

Optical Characteristics

Effective Modal Bandwidth (EMB):	4700 MHz-km / 500 MHz-km

Fiber Core Diameter:	50/125µm
Max. Attenuation at 1300 nm:	1.0 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

Mechanical Characteristics

Crush Resistance:	440

Mechanical Tests

Description	Requirement/Value
Cable Min. Bend Radius Installation (Short Term)	20x Cable OD
Cable Min. Bend Radius Operation (Long Term)	15x Cable OD
Cable Impact Resistance	4.4 N/cm

Standards

UL Rating/Flame Test:	Riser
TIA/EIA Compliance:	ANSI/ICEA S-87-640
RoHS:	Yes

Related Part Numbers

Variants

Item #	Color	UPC
FD4H0125G	Black	612825373919

History

Update and Revision:	Revision Number: 0.64 Revision Date: 04-08-2022