

Product: FDSD012L9Y

Indoor/Outdoor Riser OS2 Distribution Tight Buffer 12f

Product Description

FX Indoor/Outdoor OS2 Distribution Tight Buffer 12 Fibers LSZH Non-Unitized Yellow Jacket

Technical Specifications

Part Number:	FDSD012L9Y
Construction Type:	Distribution

Product Overview

Print Legend:	BELDEN 12xOS2 IN/OUTDOOR DISTRIBUTION CABLE FDSD012L9Y E95466(-PLANT ID) (UL) TYPE OFNR C(UL) OFNR --- FT4 --- ROHS (LOT NUMBER) (MMYYYY DATE CODE) (SEQUENTIAL MATERIAL)
Environmental Space:	Indoor/Outdoor
Suitable Applications:	Indoor / Outdoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OS2	12

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

Buffer Specification

Buffer Material	Buffer Diameter
Thermoplastic	900 µm

Central Strength Member:	Upjacketed GRP
Cable Core Water Blocking:	Waterblocking Aramid Yarns

SubUnit Specifications

Fibers Per Subunit:	12

Jacket Specifications

Number of Jackets:	Single Jacket

Outer Jacket Material

Material	Nominal Diameter
LSZH	0.29 in (7.4 mm)

Color:	Yellow
Number of Ripcords:	1

Optical Characteristics

Mode Field Diameter:	9.2
Fiber Core Diameter:	8.2/125µm
Max Attenuation at 1310 nm:	0.5 dB/km
Max Attenuation at 1550 nm:	0.5 dB/km
Wavelength:	1310 nm / 1550 nm

10 Gigabit Ethernet Performance:	10,000 m / 40,000 m
1 Gigabit Ethernet Performance:	5,000 m / -

Mechanical Characteristics

Mechanical Tests

Description	Requirement/Value
Cable Min. Bend Radius Installation (Short Term)	20x Cable OD
Cable Min. Bend Radius Operation (Long Term)	10x Cable OD
Cable Max. Tensile Strength Installation (Short Term)	67 N (300 lbf)
Cable Max. Tensile Strength Operation (Long Term)	22 N (100 lbf)

Temperature Range

Operating Temp Range:	-40C to +70C
Installation Temp Range:	-20C to +70C
Storage Temp Range:	-40C to +70C

Standards

UL Rating/Flame Test:	Riser
CEC/C(UL) Compliance:	OFNR
TIA/EIA Compliance:	ANSI/ICEA S-104-696
RoHS:	Yes

History

Variants

Item #	Color	UPC
FDSD012L9Y	Yellow	612825373124

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