Part Number: FDSD006A9

Indoor/Outdoor Plenum OS2 Distribution Tight Buffer 6f

Product Description

FX Indoor/Outdoor OS2 Distribution Tight Buffer 6 Fibers OFCP Aluminum Interlocked Armor Non-Unitized Black Jacket

Technical Specifications

Product Overview

Part Number:	FDSD006A9
Construction Type:	Distribution
Environmental Space:	Indoor/Outdoor
Print Legend:	BELDEN 6XOS2 IN/OUTDOOR DISTRIBUTION CABLE FDSD006A9 E95466(-PLANT ID) (UL) TYPE OFCP C(UL) OFCP --- FT6 --- ROHS (LOT NUMBER) (MMYYYY DATE CODE) (SEQUENTIAL MATERIAL)
Suitable Applications:	Indoor / Outdoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OS2	6

Fiber Type:	OS2
Fiber Count:	6
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White

Buffer Specification

Fiber Type	Buffer Material	Buffer Diameter
OS2	Thermoplastic	900 +35µm/-50µm

Cable Core Water Blocking:	Waterblocking Aramid Yarns

SubUnit Specifications

Fibers Per Subunit:	6

Jacket Specifications

Number of Jackets:	Double Jacket
Type of Armor:	Interlocked Aluminum
Number of Inner Jacket Ripcords:	1
Color@InnerJacket1:	Black
Nominal Diameter@InnerJacket1:	0.19 in
Material@InnerJacket1:	PVDF - Fluorocopolymer

Outer Jacket Material

Material	Nominal Diameter
Thermoplastic	0.50 in

Outer Jacket Color:	Black
Number of Outer Jacket Ripcords:	1

Optical Characteristics

Mode Field Diameter:	9.2
Max Attenuation at 1310 nm:	0.5

Max Attenuation at 1550 nm:	0.5
Wavelength:	1310/1550
10 Gigabit Ethernet Performance:	10,000/40,000
1 Gigabit Ethernet Performance:	5000/-

Mechanical Characteristics

Min Bend Radius During Installation:	20x
Min Bend Radius During Operation:	10x
Max Tensile Strength During Installation:	270 (1200)
Max Tensile Strength During Operation:	81 (360)

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:	Plenum
CEC/C(UL) Specification:	OFNP
Telecommunications Standards:	ANSI/ICEA S-104-696
RoHS:	Yes

History

Variants

Item #	Color
FDSD006A9	Black

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