



**Product:** [F1SD006A9](#) 

Indoor Plenum OS2 Distribution 6 Fibers Aluminum Interlocked

## Product Description

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

## Technical Specifications

### Product Overview

Product Category:	Fiber Distribution Cable
Suitable Applications:	Premise Backbone

### Fiber Specifications

Fiber Type:	OS2
Fiber Core Diameter:	8.2/125 $\mu$ m
Fiber Buffer Material:	PVC - Polyvinyl Chloride
Fiber Buffer Diameter:	900 $\mu$ m
Fiber Count:	6
Fiber Color Coding:	TIA-598-D

### Inner Jacket Specifications

Inner Jacket Strength Member:	Aramid Yarns
Material:	PVC - Polyvinyl Chloride
Nominal Diameter@InnerJacket1 (cnv):	0.190 in (4.8 mm)
Color:	Yellow
Number of Inner Jacket Ripcords:	1

### Armor Specifications

Armor Type and Material:	AIA - Aluminum Interlock Armor
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### Outer Jacket Specifications

Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.440 in (11.2 mm)
Outer Jacket Color:	Yellow

### Mechanical Characteristics

Minimum Bend Radius During Installation:	20x Cable OD
Minimum Bend Radius During Operation:	10x Cable OD
Max. Tensile Strength During Installation:	660 N (150 lbf)
Max. Tensile Strength During Operation:	200 N (45 lbf)
Crush Resistance:	440 N/cm
Bulk Cable Weight:	103 lbs/kft (154 kg/km)

### Temperature Range

Installation Temperature Range:	0°C to +60°C
Operating Temperature Range:	0°C to +70°C

Storage Temperature Range:	-40°C to +70°C
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## Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65, Product Lens™, Environmental Product Declaration (EPD) Available
Flammability / Reaction to Fire:	OFCP, FT6
ICEA Compliance:	S-83-596
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE), REACH: 2020-01-16

## History

Update and Revision:	Revision Number: 0.104 Revision Date: 09-07-2025
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## Part Numbers

### Variants

Item #	Color	Putup Type	UPC
FISD006A9	Yellow	Reel	612825368519

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