



**Product:** [HISD0020214PJ](#) 

HYBRID INDOOR OS2 DISTRIBUTION 2 FIBERS 02 x 14AWG CL3P-OF  
4.6MM SUB X 900UM

## Product Description

FX HYBRID INDOOR, OS2, DISTRIBUTION, 2 FIBERS, 02 x 14AWG, CL3P-OF, 4.6MM SUB X 900UM, YELLOW JACKET

## Technical Specifications

### Product Overview

Suitable Applications:	Distributed Antenna Systems (DAS), Passive Optical Network (PON), Wireless Access Points (WAP), Security (Cameras)
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### Fiber Specifications

Fiber Type:	OS2, G.657.A1, G.652.D
Fiber Buffer Material:	Plenum PVC
Fiber Buffer Diameter:	900 µm
Fiber Count:	2
Fiber Color Code:	TIA-598-D

### Fiber Construction

Fiber SubUnit Strength Members:	Aramid yarns
Jacket Material:	PVC - Polyvinyl Chloride
Nominal Jacket Diameter:	0.180" (4.6 mm)
Jacket Color Fiber Unit:	Yellow

### Conductor Specifications

AWG Size:	14
Number of Conductors:	2
Insulation Material:	PVC
Nom. Insulation Diameter:	0.090" (2.3 mm)

### Outer Jacket Specifications

Strength Member:	Fiberglass Yarns
Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.334" (8.5 mm)
Outer Jacket Color:	Yellow

### Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	0.5 dB/km	0.5 dB/km

### Mechanical Characteristics

Minimum Bend Radius During Installation:	15 x cable OD
Minimum Bend Radius During Operation:	10x Cable OD
Max. Tensile Strength During Installation:	300 lbf (1330 N)
Max. Tensile Strength During Operation:	90 lbf (400 N)
Crush Resistance:	220 N/cm

## 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

## Standards and Compliance

NEC / UL Compliance:	CL3P-OF
TIA/EIA Compliance:	ICEA S-120-742

## History

Update and Revision:	Revision Number: 0.6 Revision Date: 04-23-2026
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