



**Product:** [HDSB0020220PC](#)

Indoor/Outdoor Hybrid Copper-Fiber Cable, OS2, 2 Breakout Fibers, #20-2c, CMP-OF

### Product Description

FX HYBRID INDOOR/OUTDOOR, OS2, BREAKOUT 3.0MM, 2 FIBERS, 02 x 20AWG, CMP-OF, 3.0MM SUB (1F X 900UM), BLACK JACKET

### Technical Specifications

Part Number:	HDSB0020220PC
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### Product Overview

Suitable Applications:	Indoor/Outdoor
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### Construction

#### Fiber Cable Construction

Fiber Type	Fiber Count	Subunit Color	Subunit Color 2
OS2	2	Yellow	Yellow

Fiber Color Coding:	White
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#### Buffer Specification

Buffer Material	Buffer Diameter
PVC	900 µm

Bulk Cable Weight:	47 lbs/1000ft
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### SubUnit Specifications

Fibers Per Subunit:	1
SubUnit Diameter:	0.118 in (3.0mm)

### Jacket Specifications

Conductor Count:	2
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#### Outer Jacket Material

Nominal Diameter
0.357 in (9.1mm)

Color:	Black
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

### Mechanical Characteristics

#### Mechanical Tests

Description	Requirement/Value
Cable Min. Bend Radius Installation (Short Term)	15x Cable OD

Cable Min. Bend Radius Operation (Long Term)	10x Cable OD
Cable Max. Tensile Strength Installation (Short Term)	135 N (600 lbf)
Cable Max. Tensile Strength Operation (Long Term)	40 N (180 lbf)

## Temperature Range

Operating Temp Range:	-40°C to +70°C
Installation Temp Range:	0°C to +60°C
Storage Temp Range:	-40°C to +70°C

## Standards

UL Rating/Flame Test:	Plenum
NEC/(UL) Compliance:	CMP-OF
TIA/EIA Compliance:	ICEA S-120-742
REACH:	Complies
RoHS:	Complies

## History

Update and Revision:	Revision Number: 0.30 Revision Date: 07-15-2020
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