



Product: [HDSB0020216RC](#)

Indoor/Outdoor Hybrid Copper-Fiber Cable, OS2, 2 Breakout Fibers, #16-2c, CMR-OF

Product Description

FX HYBRID INDOOR/OUTDOOR, OS2, BREAKOUT 3.0MM, 2 FIBERS, 02 x 16AWG, CMR-OF, 3.0MM SUB (1F X 900UM), BLACK JACKET

Technical Specifications

Part Number:	HDSB0020216RC
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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:	64 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
0.375 in (9.5mm)

Outer Jacket Color:	Black
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Number of Outer Jacket Ripcords:	1
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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:	-10°C to +60°C
Storage Temp Range:	-40°C to +70°C

Standards

UL Rating/Flame Test:	Riser
NEC/(UL) Specification:	CMR-OF
Telecommunications Standards:	ICEA S-120-742
REACH:	Complies
RoHS:	Complies

History

Update and Revision:	Revision Number: 0.12 Revision Date: 10-28-2019
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