



**Product:** [HD3B0020212RC](#)

Indoor/Outdoor Hybrid Copper-Fiber Cable, OM3, 2 Breakout Fibers, #12-2c, CL3R-OF

**Product Description**

FX HYBRID INDOOR/OUTDOOR, OM3, BREAKOUT 3.0MM, 2 FIBERS, 02 x 12AWG, CL3R-OF, 3.0MM SUB (1F X 900UM), BLACK JACKET

**Technical Specifications**

Part Number:	HD3B0020212RC
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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
OM3	2	Aqua	Aqua

Fiber Color Coding:	White
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**Buffer Specification**

Buffer Material	Buffer Diameter
PVC	900 µm

Bulk Cable Weight:	98 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
0.402 in (10.2mm)

Color:	Black
Number of Ripcords:	1

**Optical Characteristics**

Fiber Core Diameter:	50/125 µm
Max Attenuation at 1300 nm:	1.0 dB/km
Max Attenuation at 850 nm:	3.0 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)	600 lbf (2700 N (NaN lbf))
Cable Max. Tensile Strength Operation (Long Term)	180 lbf (810 N (NaN 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) Compliance:	CL3R-OF
TIA/EIA Compliance:	ICEA S-120-742
REACH:	Complies
RoHS:	Complies

## History

Update and Revision:	Revision Number: 0.34 Revision Date: 10-22-2020
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