



Product: [HD3B0020216FB](#)

Indoor/Outdoor Armored Hybrid Copper-Fiber Cable, OM3, 2 Breakout Fibers, 2.0mm Sub-units, #16-2c, CMR-OF

Product Description

FX HYBRID INDOOR/OUTDOOR, OM3, BREAKOUT, 2 FIBERS, 02 x 16AWG, CMR-OF ALUMINUM INTERLOCKED ARMOR, SUB-UNIT 2.0MM (1F X 900UM), BLACK JACKET

Technical Specifications

Part Number:	HD3B0020216FB
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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:	166 lbs/1000ft
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SubUnit Specifications

Fibers Per Subunit:	1
Subunit Diameter:	0.079 in (2.0mm)

Jacket Specifications

Conductor Count:	2
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Outer Jacket Material

Nominal Diameter
0.620 in (15.7mm)

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:	CMR-OF
TIA/EIA Compliance:	ICEA S-120-742
REACH:	Complies
RoHS:	Complies

History

Update and Revision:	Revision Number: 0.4 Revision Date: 10-22-2020
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