



Product: [HDSB0020216FC](#)

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

Product Description

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

Technical Specifications

Part Number:	HDSB0020216FC
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Product Overview

Environmental Space:	Indoor/Outdoor
Suitable Applications:	Distributed Antenna Systems (DAS), Passive Optical Network (PON), Wireless Access Points (WAP), Security (Cameras)

Construction

Fiber Cable Construction

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

Fiber Color Coding:	TIA-598-D
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Buffer Specification

Buffer Material	Buffer Diameter
PVC - Polyvinyl Chloride	900 µm

Bulk Cable Weight:	188 lbs/kft (280 kg/km)
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SubUnit Specifications

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

Jacket Specifications

Color:	Yellow
Nominal Diameter:	0.375 in (9.5 mm)
Material:	PVC - Polyvinyl Chloride
Conductor Count:	2

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.670 in (17.0mm)

Color:	Black
Number of Ripcords:	1
Nominal Diameter:	0.665 in (16.9 mm)

Optical Characteristics

Mode Field Diameter:	9.2 µm
Fiber Core Diameter:	8.2/125 µm
Max Attenuation at 1310 nm:	0.50 dB/km

Max Attenuation at 1550 nm:	0.50 dB/km
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Mechanical Characteristics

Crush Resistance:	440 N/cm
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Mechanical Tests

Description	Requirement/Value
Cable Min. Bend Radius Installation (Short Term)	20x Cable OD
Cable Min. Bend Radius Operation (Long Term)	15x Cable OD
Cable Max. Tensile Strength Installation (Short Term)	Error
Cable Max. Tensile Strength Operation (Long Term)	Error

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: 0.18 Revision Date: 06-21-2021
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