

Product: [DHIP182USB02C](#) 



Indoor Digital Electricity Hybrid Cable, OS2, 2 Breakout Fibers, #18-2pr, CMP-OF

Product Description

Indoor Digital Electricity Hybrid Cable, OS2, 2 Breakout Fibers, 3.0mm Sub-units, 2- 18 AWG Pairs, Plenum

Technical Specifications

Part Number:	DHIP182USB02C
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Product Overview

Suitable Applications:	Indoor
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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:	60 lbs/1000ft
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SubUnit Specifications

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

Jacket Specifications

Conductor Count:	2
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Outer Jacket Material

Nominal Diameter
0.352" (8.9mm)

Color:	Apple Green
Number of Ripcords:	1

Optical Characteristics

Mode Field Diameter:	9.2 µm
Fiber Core Diameter:	8.2/125 µm
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)	600 lbf (2700 N (NaN lbf)
Cable Max. Tensile Strength Operation (Long Term)	180 lbf (810 N (NaN lbf)

Temperature Range

Operating Temp Range:	0°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: 0.49 Revision Date: 10-22-2020
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