



Product: [DHIP162USB02C](#) 

Indoor Digital Electricity Hybrid Cable, OS2, 2 Breakout Fibers, #16-2pr, CMP-OF

Product Description

Indoor Digital Electricity Hybrid Cable, OS2, 2 Breakout Fibers, 3.0mm Sub-units, 2- 16 AWG Pairs, Plenum

Technical Specifications

Part Number:	DHIP162USB02C
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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	
Fiber Color Coding 2:		Yellow #1, Yellow #2	

Buffer Specification

Buffer Material	Buffer Diameter	
PVC	900 µm	
Bulk Cable Weight:		73 lbs/1000ft

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	
0.395" (10.0mm)	
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
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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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