

Part Number: DHIP182USD06J



Indoor Digital Electricity Hybrid Cable, OS2, 6 Distribution Fibers, #18-2pr, CMP-OF

Product Description

Indoor Digital Electricity Hybrid Cable, OS2, 6 Distribution Fibers, 4.5mm Sub-unit, 2- 18 AWG Pairs, Plenum

Technical Specifications

Part Number:	DHIP182USD06J
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Product Overview

Suitable Applications:	Indoor
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Construction

Fiber Cable Construction

Fiber Type	Fiber Count	Subunit Color
OS2	6	Yellow

Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White
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Buffer Specification

Buffer Material	Buffer Diameter
PVC	900 µm

Bulk Cable Weight:	67 lbs/1000ft
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SubUnit Specifications

Fibers Per Subunit:	6
SubUnit Diameter:	0.190 in (4.8 mm)

Jacket Specifications

Total Number of Pairs:	2
Outer Jacket Color:	Apple Green
Number of Outer Jacket Ripcords:	1

Optical Characteristics

Mode Field Diameter:	9.2
Fiber Core Diameter:	8.2/125µm
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)	20x Cable OD
Cable Min. Bend Radius Operation (Long Term)	10x Cable OD
Cable Max. Tensile Strength Installation (Short Term)	135 N (600 lbf)
Cable Max. Tensile Strength Operation (Long Term)	40 N (180 lbf)

Temperature Range

Installation Temp Range:	0C to +60C
Storage Temp Range:	-40C to +70C

Standards

UL Rating/Flame Test:	Plenum
NEC/(UL) Specification:	CMP-OF
Telecommunications Standards:	ICEA S-120-742
REACH:	Complies
RoHS:	Complies

History

Update and Revision:	Revision Number: 0.17 Revision Date: 08-21-2019
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