



**Product:** [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
--------------	---------------

### Product Overview

Suitable Applications:	Indoor
------------------------	--------

### Construction

#### Fiber Cable Construction

Fiber Type	Fiber Count	Subunit Color
OS2	6	Yellow

Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White
Fiber Color Coding 2:	Yellow #1, Yellow #2

#### Buffer Specification

Buffer Material	Buffer Diameter
PVC	900 µm

Bulk Cable Weight:	67 lbs/1000ft
--------------------	---------------

### SubUnit Specifications

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

### Jacket Specifications

Conductor Count:	2
------------------	---

#### Outer Jacket Material

Nominal Diameter
0.369" (9.4mm)

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: 0.50 Revision Date: 10-22-2020
----------------------	---

© 2020 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.