



Product: [DHIP182U4D06J](#)

Indoor Digital Electricity Hybrid Cable, OM4, 6 Distribution Fibers, #18-2pr, CMP-OF

Product Description

Indoor Digital Electricity Hybrid Cable, OM4, 6 Distribution Fibers, 4.5mm Sub-unit, 2- 18 AWG Pairs, Plenum

Technical Specifications

| | |
|--------------|---------------|
| Part Number: | DHIP182U4D06J |
|--------------|---------------|

Product Overview

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

Construction

Fiber Cable Construction

| Fiber Type | Fiber Count | Subunit Color |
|------------|-------------|---------------|
| OM4 | 6 | Erika Violet |

| | |
|-----------------------|---|
| Fiber Color Coding: | Blue, Orange, Green, Brown, Gray, White |
| Fiber Color Coding 2: | Erika Violet #1, Erika Violet #2 |

Buffer Specification

| Buffer Material | Buffer Diameter |
|-----------------|-----------------|
| PVC | 900 µm |

| | |
|--------------------|---------------|
| Bulk Cable Weight: | 67 lbs/1000ft |
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SubUnit Specifications

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

Jacket Specifications

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

Outer Jacket Material

| Nominal Diameter |
|------------------|
| 0.369" (9.4mm) |

| | |
|---------------------|-------------|
| Color: | Apple Green |
| Number of Ripcords: | 1 |

Optical Characteristics

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|-----------------------------|-----------|
| Fiber Core Diameter: | 50/125 µm |
| Max Attenuation at 1300 nm: | 1.0 dB/km |
| Max Attenuation at 850 nm: | 3.0 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

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|----------------------|---|
| Update and Revision: | Revision Number: 0.49 Revision Date: 10-22-2020 |
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