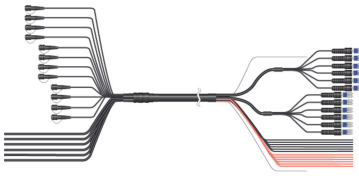


# FDH1210-24M50



HELIAX® Direct, 6 RRU Direct Breakout (6x12): Breakout Top: 6 x 10 AWG power cords blunt cut. 24 multimode DLC fibers. Breakout Bottom: 12 power conductors blunt cut, 1M. 12 right angle DLC fiber tails

## Product Classification

|                              |   |
|------------------------------|---|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   EMEA   Latin America   North America |
| <b>Portfolio</b>             | CommScope®  |
| <b>Product Type</b>          | Hybrid cable assembly   |
| <b>Product Brand</b>         | HELIAX®   |
| <b>Product Series</b>        | FDH   |
| <b>Ordering Note</b>         | CommScope® non-standard product                                     |

## General Specifications

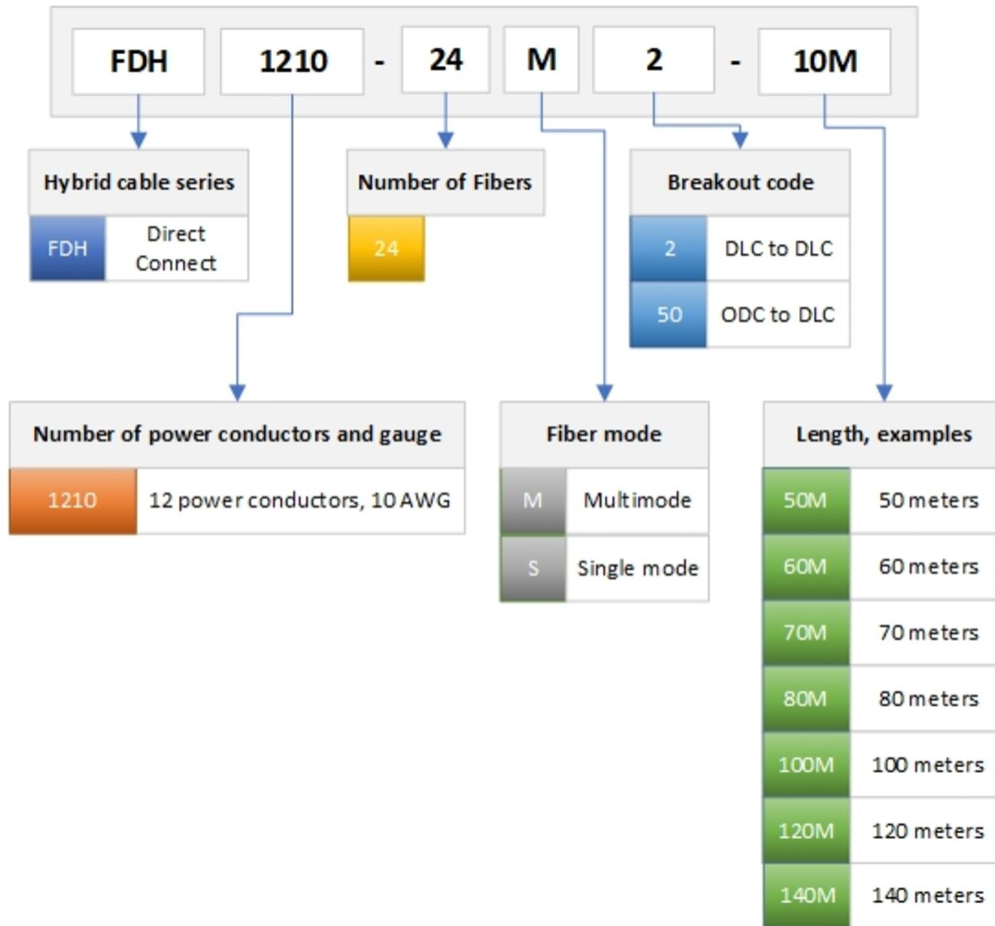
|  |                       |
|--|-----------------------|
| <b>Conductors, quantity</b>              | 12                    |
| <b>Construction Type</b>                 | Direct breakout trunk |
| <b>Interface, Connector A</b>            | DLC                   |
| <b>Interface Feature, connector A</b>    | Outdoor               |
| <b>Interface Body Style, connector A</b> | Straight              |
| <b>Interface, Connector B</b>            | DLC                   |
| <b>Interface Feature, connector B</b>    | Nokia boot            |
| <b>Interface Body Style, connector B</b> | Flex angle            |
| <b>Jacket Color</b>                      | Black                 |
| <b>Total Fibers, quantity</b>            | 24                    |

## Dimensions

|  |                    |
|--|--------------------|
| <b>Cable Assembly Length Range (m)</b> | 5 – 140            |
| <b>Diameter Over Jacket</b>            | 25.14 mm   0.99 in |
| <b>Center Conductor Gauge</b>          | 10 AWG             |

# FDH1210-24M50

## Ordering Tree



## Mechanical Specifications

|                                       |                     |
|---------------------------------------|---------------------|
| <b>Minimum Bend Radius</b>            | 251.5 mm   9.902 in |
| <b>Minimum Bend Radius, furcation</b> | 30 mm   1.181 in    |

## Optical Specifications

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| <b>Fiber Mode</b>                   | Multimode                            |
| <b>Fiber Type</b>                   | OM2, bend insensitive                |
| <b>Insertion Loss, typical note</b> | Insertion loss is measured at 850 nm |
| <b>Insertion Loss, typical</b>      | 0.5                                  |

## Environmental Specifications

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Operating Temperature</b> | -40 °C to +75 °C (-40 °F to +167 °F) |
|------------------------------|--------------------------------------|

# FDH1210-24M50

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## Packaging and Weights

**Cable weight** 1.1 kg/m | 0.739 lb/ft

## Regulatory Compliance/Certifications

**Agency**

ISO 9001:2015

**Classification**

Designed, manufactured and/or distributed under this quality management system

## \* Footnotes

**Insertion Loss, typical note** Insertion loss is measured at a room temp of +20°C (+68°F)