

# F4-HMDM-25-D

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D-CLASS HELIAX® 1/2" SureFlex® Jumper with interface types 4.3-10 Male and 7-16 DIN Male, 25 ft



- WARNING: DO NOT MATE WITH 4.1-9.5 DIN

## Product Classification

|                       |                                |
|-----------------------|--------------------------------|
| <b>Product Type</b>   | SureFlex® D-CLASS, dynamic PIM |
| <b>Product Brand</b>  | HELIAX®   SureFlex®            |
| <b>Product Series</b> | RSJ4-50                        |

## General Specifications

|   |               |
|---|---------------|
| <b>Body Style, Connector A</b>            | Straight      |
| <b>Body Style, Connector B</b>            | Straight      |
| <b>Interface, Connector A</b>             | 4.3-10 Male   |
| <b>Interface, Connector B</b>             | 7-16 DIN Male |
| <b>Specification Sheet Revision Level</b> | A             |

## Dimensions

|                     |                |
|---------------------|----------------|
| <b>Length</b>       | 7.62 m   25 ft |
| <b>Nominal Size</b> | 1/2 in         |

## Logo Image

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## Electrical Specifications

|  |                                    |
|--|------------------------------------|
| <b>3rd Order IMD Dynamic</b>             | -116 dBm                           |
| <b>3rd Order IMD Dynamic Test Method</b> | Two +43 dBm carriers per IEC 62037 |
| <b>DTF, Connector A</b>                  | -34 dB                             |
| <b>DTF, Connector B</b>                  | -34 dB                             |

## VSWR/Return Loss

| <b>Frequency Band</b> | <b>VSWR</b> | <b>Return Loss (dB)</b> |
|-----------------------|-------------|-------------------------|
| <b>698–960 MHz</b>    | 1.101       | 26.36                   |
| <b>1700–2200 MHz</b>  | 1.101       | 26.36                   |
| <b>2200–2700 MHz</b>  | 1.135       | 23.98                   |
| <b>3400–3800 MHz</b>  | 1.222       | 20.01                   |

## Jumper Assembly Sample Label

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## Environmental Specifications

**Immersion Test Method** Meets IEC 60529:2001, IP68 in mated condition

## Regulatory Compliance/Certifications

| Agency        | Classification   |
|---------------|--|
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |