

# F1-HMHM-SGW-D

## Base Product



D-CLASS FSJ1-50A SureFlex® Jumper with interface types 4.3-10 Male and 4.3-10 Male with HELIAX® SureGuard weatherproofing boot, variable length.

- WARNING: DO NOT MATE WITH 4.1-9.5 DIN

## Product Classification

|                       |                                      |
|-----------------------|--------------------------------------|
| <b>Product Type</b>   | Wireless transmission cable assembly |
| <b>Product Brand</b>  | HELIAX®   SureFlex®                  |
| <b>Product Series</b> | FSJ1-50A                             |

## 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>             | 4.3-10 Male   |
| <b>Specification Sheet Revision Level</b> | A   |
| <b>Variable Length</b>                    | For custom lengths contact 828-324-2200 or 1-800-982-1708 (toll free), or your local CommScope representative |

## Dimensions

|                     |        |
|---------------------|--------|
| <b>Nominal Size</b> | 1/4 in |
|---------------------|--------|

## Electrical Specifications

|  |                                    |
|--|------------------------------------|
| <b>3rd Order IMD Dynamic</b>             | -119 dBm                           |
| <b>3rd Order IMD Dynamic Test Method</b> | Two +43 dBm carriers per IEC 62037 |

## VSWR/Return Loss

| Frequency Band | VSWR  | Return Loss (dB) |
|----------------|-------|------------------|
| 698–960 MHz    | 1.152 | 23.02            |
| 1700–2200 MHz  | 1.152 | 23.02            |

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2200-2700 MHz

1.152

23.02

## Jumper Assembly Sample Label



## Environmental Specifications

|                               |   |
|-------------------------------|---|
| <b>Immersion Test Method</b>  | Meets IEC 60529:2001, IP68 in mated condition |
| <b>Weatherproofing Method</b> | HELIAX® SureGuard weatherproofing boot        |

## Packaging and Weights

|                 |                      |
|-----------------|----------------------|
| <b>Included</b> | Weatherproofing boot |
|-----------------|----------------------|

## Regulatory Compliance/Certifications

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