

# F4A-DMDF-2M-P-SGW



HELIAX® 1/2" SureFlex® Jumper with interface types 7-16 DIN Male and 7-16 DIN Female with HELIAX® SureGuard weatherproofing, 2 m (boot on DM end only, and DF end no boot)

- If there are threads along the entire device port length, the HELIAX® SureGuard weatherproofing solutions will only seal properly if the HSG-M29-ADPT adapter is installed on the device port

## Product Classification

|                       |                               |
|-----------------------|-------------------------------|
| <b>Product Type</b>   | SureFlex® Premium, static PIM |
| <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>             | 7-16 DIN Male   |
| <b>Interface, Connector B</b>             | 7-16 DIN Female |
| <b>Specification Sheet Revision Level</b> | B               |

## Dimensions

|                     |                |
|---------------------|----------------|
| <b>Length</b>       | 2 m   6.562 ft |
| <b>Nominal Size</b> | 1/2 in         |

## Electrical Specifications

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

## VSWR/Return Loss

| Frequency Band | VSWR  | Return Loss (dB) |
|----------------|-------|------------------|
| 698–960 MHz    | 1.065 | 30               |
| 1700–2200 MHz  | 1.065 | 30               |
| 2200–2700 MHz  | 1.106 | 26               |

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## 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

| Agency        | Classification   |
|---------------|--|
| CHINA-ROHS    | Below maximum concentration value  |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system   |
| REACH-SVHC    | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant  |

