

# F4C-HPDMDF-3M-SGW



HELIAX® 1/2" SureFlex® Jumper with interface types 7-16 DIN Male and 7-16 DIN Female with HELIAX® SureGuard weatherproofing, 3 m (boot on DM end only, 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

|                |                                   |
|----------------|-----------------------------------|
| Product Type   | SureFlex® HP, HELIAX® performance |
| Product Brand  | HELIAX®   SureFlex®               |
| Product Series | RSJ4-50                           |

## General Specifications

|                                    |                 |
|------------------------------------|-----------------|
| Body Style, Connector A            | Straight        |
| Body Style, Connector B            | Straight        |
| Interface, Connector A             | 7-16 DIN Male   |
| Interface, Connector B             | 7-16 DIN Female |
| Specification Sheet Revision Level | A               |

## Dimensions

|              |                |
|--------------|----------------|
| Length       | 3 m   9.843 ft |
| Nominal Size | 1/2 in         |

## Electrical Specifications

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

## VSWR/Return Loss

| Frequency Band | VSWR, typical | Return Loss, typical (dB) |
|----------------|---------------|---------------------------|
| 680–960 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 |
|-----------------|----------------------|