

# F4A-HPHMDR-10M-SGW



HELIAX® 1/2" Superflexible SureFlex® Jumper with interface types 4.3-10 Male and 7-16 DIN Male Right Angle with HELIAX® SureGuard weatherproofing, 10 m

- 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
- WARNING: DO NOT MATE WITH 4.1-9.5 DIN

## Product Classification

|                |                                   |
|----------------|-----------------------------------|
| Product Type   | SureFlex® HP, HELIAX® performance |
| Product Brand  | HELIAX®   SureFlex®               |
| Product Series | FSJ4-50B                          |

## General Specifications

|                                    |               |
|------------------------------------|---------------|
| Body Style, Connector A            | Straight      |
| Body Style, Connector B            | Right angle   |
| Interface, Connector A             | 4.3-10 Male   |
| Interface, Connector B             | 7-16 DIN Male |
| Specification Sheet Revision Level | A             |

## Dimensions

|              |                  |
|--------------|------------------|
| Length       | 10 m   32.808 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) |
|----------------|---------------|---------------------------|
| 698–960 MHz    | 1.101         | 26.36                     |
| 1700–2200 MHz  | 1.101         | 26.36                     |

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2200–2700 MHz

1.173

21.98

## Jumper Assembly Sample Label



## Environmental Specifications

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

## Packaging and Weights

|          |                      |
|----------|----------------------|
| Included | Weatherproofing boot |
|----------|----------------------|

## Regulatory Compliance/Certifications

| Agency     | Classification   |
|------------|--|
| CHINA-ROHS | Above maximum concentration value  |
| REACH-SVHC | Compliant as per SVHC revision on <a href="http://www.andrew.com/ProductCompliance">www.andrew.com/ProductCompliance</a> |
| ROHS       | Compliant/Exempted   |
| UK-ROHS    | Compliant/Exempted   |

