

# F4RS-HMHM-10-P



HELIAX® 1/2" Superflexible Fire retardant SureFlex® Jumper with interface types 4.3-10 DIN Male and 4.3-10 Male 10 feet Black non-halogenated, fire retardant polyolefin jacket

- 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 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>             | 4.3-10 Male |
| <b>Specification Sheet Revision Level</b> | B           |

## Dimensions

|                     |                 |
|---------------------|-----------------|
| <b>Length</b>       | 3.048 m   10 ft |
| <b>Nominal Size</b> | 1/2 in          |

## Electrical Specifications

|   |                      |
|---|----------------------|
| <b>3rd Order IMD Static</b>             | -119 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) | VSWR, typical | Return Loss, typical (dB) |
|----------------|-------|------------------|---------------|---------------------------|
| 698–960 MHz    | 1.065 | 30.04            |               |                           |
| 1700–2200 MHz  | 1.065 | 30.04            |               |                           |

# F4RS-HMHM-10-P

2200–2700 MHz

1.106

25.96

3400–3800 MHz

1.222

20.01

## Jumper Assembly Sample Label



## Environmental Specifications

|  |   |
|--|---|
| EN50575 CPR Cable EuroClass Fire Performance | B2ca  |
| EN50575 CPR Cable EuroClass Smoke Rating     | s1a   |
| EN50575 CPR Cable EuroClass Droplets Rating  | d1  |
| EN50575 CPR Cable EuroClass Acidity Rating   | a1  |
| Immersion Test Method                        | Meets IEC 60529:2001, IP68 in mated condition |

## Packaging and Weights

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

## Regulatory Compliance/Certifications

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