

# F4R-HPHMHM-2M-SGW



HELIAX® 1/2" SureFlex® Fire retardant Jumper with interface types 4.3-10 Male and 4.3-10 Male with HELIAX® SureGuard weatherproofing, 2 m with black non-halogenated fire retardant polyolefin jacket

- WARNING: DO NOT MATE WITH 4.1-9.5 DIN

## Product Classification

|                       |                                   |
|-----------------------|-----------------------------------|
| <b>Product Type</b>   | SureFlex® HP, HELIAX® performance |
| <b>Product Brand</b>  | HELIAX®   SureFlex®               |
| <b>Product Series</b> | FSJ4-50B                          |

## 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           |

## Dimensions

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

## Electrical Specifications

|                                         |                      |
|-----------------------------------------|----------------------|
| <b>3rd Order IMD Static Test Method</b> | Two +43 dBm carriers |
| <b>3rd Order IMD, typical</b>           | -119 dBm             |
| <b>DTF, Connector A</b>                 | -34 dB               |
| <b>DTF, Connector B</b>                 | -34 dB               |

## VSWR/Return Loss

| Frequency Band | VSWR, typical | Return Loss, typical (dB) |
|----------------|---------------|---------------------------|
| 698–960 MHz    | 1.065         | 30.04                     |
| 1700–2200 MHz  | 1.065         | 30.04                     |

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|               |       |       |
|---------------|-------|-------|
| 2200-2700 MHz | 1.083 | 27.99 |
| 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 |
| Weatherproofing Method                       | HELIAX® SureGuard weatherproofing boot        |

## Packaging and Weights

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