

# F4RS-HPHMDM-4



HELIAX® 1/2" Superflexible Fire retardant SureFlex® Jumper with interface types 4.3-10 Male and 7-16 DIN Male, 4 feet Black non-halogenated, fire retardant polyolefin jacket

## Product Classification

|                       |                                   |
|-----------------------|-----------------------------------|
| <b>Product Type</b>   | SureFlex® HP, HELIAX® performance |
| <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>             | 7-16 DIN Male |
| <b>Specification Sheet Revision Level</b> | A             |

## Dimensions

|                     |                    |
|---------------------|--------------------|
| <b>Length</b>       | 1.219 m   3.999 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>           | -116 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) |
|----------------|---------------|---------------------------|
| 680–960 MHz    | 1.065         | 30.04                     |
| 1700–2200 MHz  | 1.065         | 30.04                     |
| 2200–2700 MHz  | 1.106         | 25.96                     |
| 3400–3800 MHz  | 1.222         | 20.01                     |

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## Jumper Assembly Sample Label



## Environmental Specifications

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

## Regulatory Compliance/Certifications

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