

# F4RS-DMDM-20-P



HELIAX® 1/2" Superflexible Fire retardant SureFlex® Jumper with interface types 7/16 DIN Male and 7-16 DIN Male, 20 feet Black non-halogenated, fire retardant polyolefin jacket

## 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>             | 7-16 DIN Male |
| <b>Interface, Connector B</b>             | 7-16 DIN Male |
| <b>Specification Sheet Revision Level</b> | A             |

## Dimensions

|                     |                 |
|---------------------|-----------------|
| <b>Length</b>       | 6.096 m   20 ft |
| <b>Nominal Size</b> | 1/2 in          |

## Electrical Specifications

|                                         |                      |
|-----------------------------------------|----------------------|
| <b>3rd Order IMD Static</b>             | -116 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) |
|----------------|-------|------------------|
| 698–960 MHz    | 1.106 | 25.96            |
| 1700–2200 MHz  | 1.106 | 25.96            |
| 2200–2700 MHz  | 1.135 | 23.98            |
| 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 |