

# F4CR-DMDF-1M-P



HELIAX® 1/2" Superflexible Fire retardant SureFlex® Jumper with interface types 7-16 DIN Male and 7-16 DIN Female, 1m, with 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 Female |
| <b>Specification Sheet Revision Level</b> | A               |

## Dimensions

|                     |                |
|---------------------|----------------|
| <b>Length</b>       | 1 m   3.281 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    | 1.065 | 30               |
| 1700–2200 MHz  | 1.065 | 30               |
| 2200–2700 MHz  | 1.106 | 26               |

# F4CR-DMDF-1M-P

## 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 |