

# F4R-NMDF-P

## Base Product



HELIAX® 1/2" Superflexible Fire retardant SureFlex® Jumper with interface types N Male and 7-16 DIN Female, variable length, with black non-halogenated fire retardant polyolefin jacket B2ca-S1a-d1-a1

## OBSOLETE

This product was discontinued on: November 21, 2014

## Product Classification

|                       |                                      |
|-----------------------|--------------------------------------|
| <b>Product Type</b>   | Wireless transmission cable assembly |
| <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>             | N Male   |
| <b>Interface, Connector B</b>             | 7-16 DIN Female  |
| <b>Specification Sheet Revision Level</b> | B  |
| <b>Variable Length</b>                    | For custom lengths, contact your local ANDREW representative |

## Dimensions

|                     |            |
|---------------------|------------|
| <b>Length</b>       | 0 m   0 ft |
| <b>Nominal Size</b> | 1/2 in     |

## Electrical Specifications

|   |                      |
|---|----------------------|
| <b>3rd Order IMD Static</b>             | -112 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

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| Frequency Band | VSWR  | Return Loss (dB) |
|----------------|-------|------------------|
| 698–960 MHz    | 1.11  | 26.4             |
| 1700–2200 MHz  | 1.11  | 26.4             |
| 2200–2700 MHz  | 1.173 | 21.98            |

## 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

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