

# F4CR-DMDM-2M-W-E1



HELIAX® 1/2" Superflexible Fire retardant SureFlex® Jumper with interface types 7-16 DIN Male and 7-16 DIN Male, 10M with black non-halogenated fire-retardant polyolefin jacket. with HELIAX® SureGuard weatherproofing. 2M.

## Product Classification

|                       |                                      |
|-----------------------|--------------------------------------|
| <b>Product Type</b>   | Wireless transmission cable assembly |
| <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> | B             |

## Dimensions

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

## Electrical Specifications

|                                  |                      |
|----------------------------------|----------------------|
| <b>3rd Order IMD Static</b>      | -116 dBm             |
| <b>3rd Order IMD Test Method</b> | Two +43 dBm carriers |
| <b>DTF, Connector A</b>          | -32 dB               |
| <b>DTF, Connector B</b>          | -32 dB               |

## VSWR/Return Loss

| Frequency Band | VSWR  | Return Loss (dB) | Insertion Loss, typical (dB) |
|----------------|-------|------------------|------------------------------|
| 698–960 MHz    | 1.065 | 30.04            | 1.23                         |
| 1700–2200 MHz  | 1.083 | 27.99            | 2                            |
| 2300–2700 MHz  | 1.106 | 25.96            | 2.25                         |
| 3400–3800 MHz  | 1.222 | 20.01            | 2.73                         |

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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 |
| <b>Weatherproofing Method</b>                       | HELIAX® SureGuard weatherproofing boot        |

## Included Products

- F4XDM-S2 – 7-16DIN Male for 1/2 in RSJ4-50LF cable, factory attached
- RSJ4RK-50LF – RSJ4-50, HELIAX® Superflexible Foam Coaxial Cable, corrugated copper, 1/2 in, black non-halogenated, fire retardant polyolefin jacket B2ca-s1a,d1,a1