

# F4R-HM4M-D



D-CLASS HELIAX® 1/2" Superflexible Fire retardant SureFlex® Jumper with interface types 4.3-10 Male and 4.3-10 Male, 4 m, with black non-halogenated fire retardant polyolefin jacket

- WARNING: DO NOT MATE WITH 4.1-9.5 DIN

## Product Classification

|                |                                |
|----------------|--------------------------------|
| Product Type   | SureFlex® D-CLASS, dynamic PIM |
| Product Brand  | HELIAX®   SureFlex®            |
| Product Series | RSJ4RK-50                      |

## General Specifications

|                                    |             |
|------------------------------------|-------------|
| Body Style, Connector A            | Straight    |
| Body Style, Connector B            | Straight    |
| Interface, Connector A             | 4.3-10 Male |
| Interface, Connector B             | 4.3-10 Male |
| Specification Sheet Revision Level | A           |

## Dimensions

|              |                 |
|--------------|-----------------|
| Length       | 4 m   13.123 ft |
| Nominal Size | 1/2 in          |

## Logo Image

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## Electrical Specifications

|                                   |                                    |
|-----------------------------------|------------------------------------|
| 3rd Order IMD Dynamic             | -119 dBm                           |
| 3rd Order IMD Dynamic Test Method | Two +43 dBm carriers per IEC 62037 |
| DTF, Connector A                  | -34 dB                             |
| DTF, Connector 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  | 1.083 | 28               |
| 3400-3800 MHz  | 1.222 | 20               |

## Jumper Assembly Sample Label

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## Environmental Specifications

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