# F4CR-HPHMDM-1M-SGW

HELIAX® 1/2" SureFlex® Fire retardant Jumper with interface types 4.3-10 Male and 7-16 DIN Male with HELIAX® SureGuard weatherproofing, 1 m with black non-halogenated fire retardant polyolefin jacket

- WARNING: DO NOT MATE WITH 4.1-9.5 DIN

## Product Classification

| | |
|---|---|
| **Product Type** | SureFlex® HP, HELIAX® performance |
| **Product Brand** | HELIAX®   |   SureFlex® |
| **Product Series** | FSJ4-50B |

## General Specifications

| | |
|---|---|
| **Body Style, Connector A** | Straight |
| **Body Style, Connector B** | Straight |
| **Interface, Connector A** | 4.3-10 Male |
| **Interface, Connector B** | 7-16 DIN Male |
| **Specification Sheet Revision Level** | A |

## Dimensions

| | |
|---|---|
| **Length** | 1 m   |   3.281 ft |
| **Nominal Size** | 1/2 in |

## Electrical Specifications

| | |
|---|---|
| **3rd Order IMD Static Test Method** | Two +43 dBm carriers |
| **3rd Order IMD, typical** | -119 dBm |
| **DTF, Connector A** | -34 dB |
| **DTF, Connector B** | -34 dB |

## VSWR/Return Loss

| Frequency Band | VSWR, typical | Return Loss, typical (dB) |
|---|---|---|
| **698–960 MHz** | 1.065 | 30.04 |
| **1700–2200 MHz** | 1.065 | 30.04 |

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| | | |
|---|---|---|
| **2200–2700 MHz** | 1.083 | 27.99 |
| **3400–3800 MHz** | 1.222 | 20.01 |

## Jumper Assembly Sample Label



## 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 |
| **Weatherproofing Method** | HELIAX® SureGuard weatherproofing boot |

## Packaging and Weights

| | |
|---|---|
| **Included** | Weatherproofing boot |