# F4C-HMDM-7M-E1

### HELIAX® 1/2" Superflexible SureFlex® Jumper with interface types 4.3-10 Male and 7-16 DIN Male 7M

- WARNING: DO NOT MATE WITH 4.1-9.5 DIN
- If there are threads along the entire device port length, the HELIAX® SureGuard weatherproofing solutions will only seal properly if the HSG-M29-ADPT adapter is installed on the device port

## Product Classification

| | |
|---|---|
| **Product Type** | Wireless transmission cable assembly |
| **Product Brand** | HELIAX®   \|   SureFlex® |
| **Product Series** | RSJ4-50 |

## 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** | 7 m   \|   22.966 ft |
| **Nominal Size** | 1/2 in |

## Electrical Specifications

| | |
|---|---|
| **3rd Order IMD Static** | -116 dBm |
| **3rd Order IMD Static Test Method** | Two +43 dBm carriers |
| **DTF, Connector A** | -34 dB |
| **DTF, Connector B** | -34 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 |

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| | | | |
|---|---|---|---|
| **2300–2700 MHz** | 1.106 | 25.96 | 2.25 |
| **3400–3800 MHz** | 1.222 | 20.01 | 2.73 |

## Jumper Assembly Sample Label



## Environmental Specifications

| | |
|---|---|
| **Immersion Test Method** | Meets IEC 60529:2001, IP68 in mated condition |

## Included Products

| | | |
|---|---|---|
| F4XDM-S2 | – | 7-16DIN Male for 1/2 in RSJ4-50LF cable, factory attached |
| F4XHM-S2 | – | 4.3-10 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 |

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