

# L4-DMDM-15M-SGW-D



D-CLASS LDF4-50A SureFlex® Jumper with interface types 7-16 DIN Male and 7-16 DIN Male with HELIAX® SureGuard weatherproofing, 15 m

- 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   | SureFlex® D-CLASS, dynamic PIM |
| Product Brand  | HELIAX®   SureFlex®            |
| Product Series | LDF4-50A                       |

## General Specifications

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

## Dimensions

|              |                  |
|--------------|------------------|
| Length       | 15 m   49.213 ft |
| Nominal Size | 1/2 in           |

## Logo Image

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## Electrical Specifications

|                                   |                                    |
|-----------------------------------|------------------------------------|
| 3rd Order IMD Dynamic             | -116 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    | 1.101 | 26.36            |
| 1700–2200 MHz  | 1.101 | 26.36            |
| 2200–2700 MHz  | 1.135 | 23.98            |

## Jumper Assembly Sample Label

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## Environmental Specifications

|                        |   |
|------------------------|---|
| Immersion Test Method  | Meets IEC 60529:2001, IP68 in mated condition |
| Weatherproofing Method | HELIAX® SureGuard weatherproofing boot        |

## Packaging and Weights

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

## Regulatory Compliance/Certifications

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

## Included Products

|                |   |   |
|----------------|---|---|
| HSG-LDF4       | - | HELIAX® SureGuard® Boot for 1/2 in jumpers to antennas or devices   |
| HSG-M29-ADPT   | - | HELIAX® SureGuard® sealing adapter for fully threaded device ports that will form a weather seal with the HELIAX® SureGuard Boots (HSG-LDF4, HSG-LDF4-DR, HSG-FSJ4 and HSG-FSJ4-DR) |
| HSG-M29-ADPT-L | - | HELIAX® SureGuard® sealing adapter for fully threaded device ports that will form a weather seal with the HELIAX® SureGuard Boots (HSG-LDF4, HSG-LDF4-DR, HSG-FSJ4 and HSG-FSJ4-DR) |
| LDF4-50A       | - | LDF4-50A, HELIAX® Low Density Foam Coaxial Cable, corrugated copper, 1/2 in, black PE jacket Halogen free jacketing non-fire-retardant (General propose cable for outdoor use only) |