



LDF4-50A SureFlex® Jumper with interface types 7-16 DIN Male and 7-16 DIN Male with HELIAX® SureGuard weatherproofing, 35 ft

- 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

|                       |                               |
|-----------------------|-------------------------------|
| <b>Product Series</b> | LDF4-50A                      |
| <b>Product Type</b>   | SureFlex® Premium, static PIM |

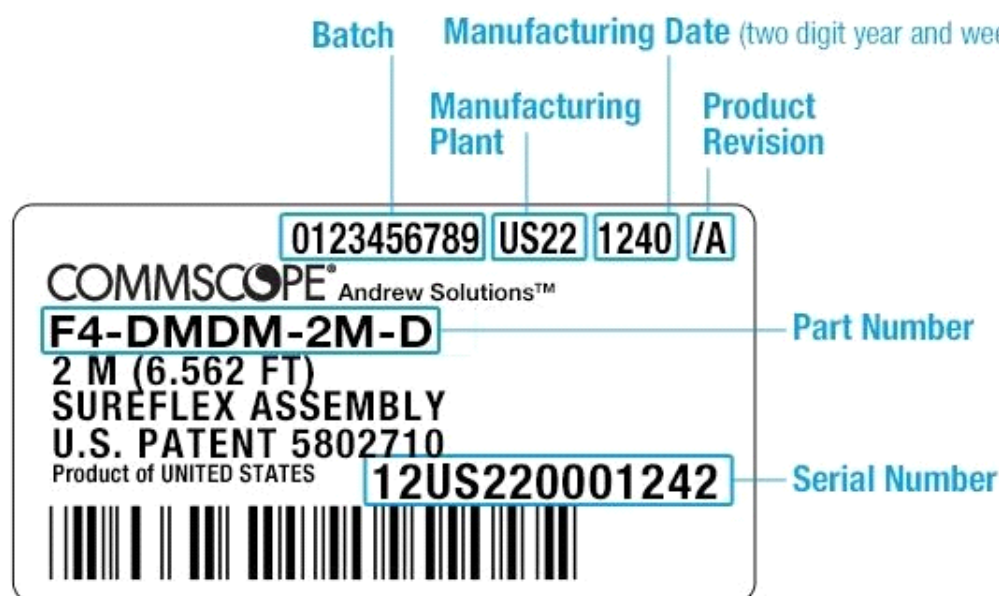
## General Specifications

|                                           |                                                             |
|-------------------------------------------|-------------------------------------------------------------|
| <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>Length</b>                             | 10.668 m   35.000 ft                                        |
| <b>Weatherproofing Method</b>             | HELIAX® SureGuard weatherproofing boot                      |
| <b>Nominal Size</b>                       | 1/2 in                                                      |
| <b>Includes</b>                           | Weatherproofing boot                                        |
| <b>Ordering Note</b>                      | CommScope® standard product in the United States and Canada |
| <b>Specification Sheet Revision Level</b> | A                                                           |

## Electrical Specifications

|                                         |                           |
|-----------------------------------------|---------------------------|
| <b>3rd Order IMD Static</b>             | -159.00 dBc   -116.00 dBm |
| <b>3rd Order IMD Static Test Method</b> | Two +43 dBm carriers      |
| <b>DTF, Connector A</b>                 | -34.00 dB                 |
| <b>DTF, Connector B</b>                 | -34.00 dB                 |

## Jumper Assembly Sample Label



## Return Loss/VSWR

| Frequency Band | VSWR | Return Loss (dB) |
|----------------|------|------------------|
| 698–960 MHz    | 1.11 | 26.00            |
| 1700–2200 MHz  | 1.11 | 26.00            |
| 2200–2700 MHz  | 1.13 | 24.00            |

## Regulatory Compliance/Certifications

### Agency

RoHS 2011/65/EU  
 China RoHS SJ/T 11364-2006  
 ISO 9001:2008

### Classification

Compliant by Exemption  
 Above Maximum Concentration Value (MCV)  
 Designed, manufactured and/or distributed under this quality management system



## Included Products

LDF4-50A — LDF4-50A, HELIAX® Low Density Foam Coaxial Cable, corrugated copper, 1/2 in, black PE jacket