

D-CLASS LDF4-50A SureFlex® Jumper with interface types 7-16 DIN Male and 7-16 DIN Male with HELIAX® SureGuard weatherproofing, 8 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 AStraightBody Style, Connector BStraight

Interface, Connector A7-16 DIN MaleInterface, Connector B7-16 DIN Male

Specification Sheet Revision Level A

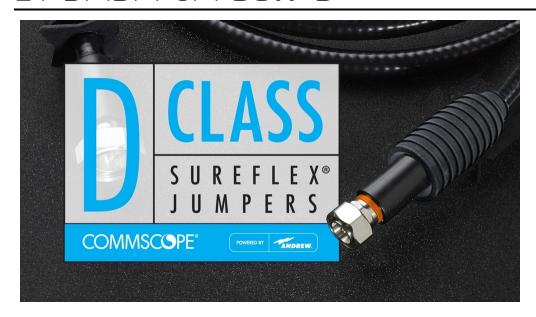
#### Dimensions

**Length** 8 m | 26.247 ft

Nominal Size 1/2 in

Logo Image





### **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





## **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

CHINA-ROHS Below maximum concentration value

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

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant

UK-ROHS Compliant/Exempted



#### Included Products

HSG-LDF4 - HELIAX® SureGuard® Boot for 1/2 in jumpers to antennas or devices

HSG-M29-ADPT – HELIAX® SureGuard® sealing adpapter 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-

Page 3 of 4



DR)

HELIAX® SureGuard® sealing adpapter for fully threaded device ports that will form a weather HSG-M29-ADPT-L seal with the HELIAX® SureGuard Boots (HSG-LDF4, HSG-LDF4-DR, HSG-FSJ4 and HSG-FSJ4-

DR)

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

jacket Halogen free jacketing non-fire-retardant (General propose cable for outdoor use only)