

# L4-DMDR-8M-SGW-D

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D-CLASS LDF4-50A SureFlex® Jumper with interface types 7-16 DIN Male and 7-16 DIN Male Right angle with HELIAX® SureGuard weatherproofing, 8m

- 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 Type</b>	SureFlex® D-CLASS, dynamic PIM
<b>Product Series</b>	LDF4-50A

## General Specifications

<b>Body Style, Connector A</b>	Straight
<b>Body Style, Connector B</b>	Right angle
<b>Interface, Connector A</b>	7-16 DIN Male
<b>Interface, Connector B</b>	7-16 DIN Male
<b>Specification Sheet Revision Level</b>	A

## Dimensions

<b>Length</b>	8 m   26.247 ft
<b>Nominal Size</b>	1/2 in

## Electrical Specifications

<b>3rd Order IMD Dynamic</b>	-116 dBm
<b>3rd Order IMD Dynamic Test Method</b>	Two +43 dBm carriers per IEC 62037
<b>DTF, Connector A</b>	-34 dB
<b>DTF, Connector B</b>	-32 dB

## Logo Image

# L4-DMDR-8M-SGW-D



## 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	1.173	21.98

## Jumper Assembly Sample Label

Batch    Manufacturing Date (two digit year and week)

Manufacturing Plant    Product Revision

0123456789    US22    1240    /A

COMMSCOPE® Andrew Solutions™

**F4-DMDM-2M-D** — Part Number

2 M (6.562 FT)  
SUREFLEX ASSEMBLY  
U.S. PATENT 5802710

Product of UNITED STATES    12US220001242 — Serial Number



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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

ISO 9001:2015

### Classification

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-LDF4-DR – HELIAX® SureGuard® Boot for 1/2 in right angle jumpers to antennas or devices

# HSG-LDF4



## HELIAX® SureGuard® Boot for 1/2 in jumpers to antennas or devices

- 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 Type</b>	Weatherproofing boot
<b>Product Brand</b>	HELIAX®   SureGuard®
<b>Ordering Note</b>	CommScope® non-standard product

## General Specifications

<b>Application</b>	Provides additional moisture seal for cable connections
<b>Applications per Kit</b>	One 1/2 in to antenna or device connection
<b>Color</b>	Black

## Dimensions

<b>Width</b>	55 mm   2.165 in
<b>Length</b>	99 mm   3.898 in
<b>Cable Diameter for Seal, maximum</b>	16.26 mm   0.64 in
<b>Cable Diameter for Seal, minimum</b>	15.59 mm   0.614 in
<b>Inner Diameter</b>	14.35 mm   0.565 in
<b>Nominal Size</b>	1/2 in

## Material Specifications

<b>Material Type</b>	Silicone rubber
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## Environmental Specifications

<b>Installation temperature</b>	-40 °C to +65 °C (-40 °F to +149 °F)
<b>Operating Temperature</b>	-40 °C to +85 °C (-40 °F to +185 °F)
<b>Storage Temperature</b>	-55 °C to +85 °C (-67 °F to +185 °F)

# HSG-LDF4

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<b>UV Resistance Test Method</b>	ASTM G154-12a
<b>UV Resistance, minimum with no degradation</b>	≥1000 hours
<b>Weather Resistance Test Method</b>	IEC 60068-2-11   IEC 60529:2001, IP68

## Packaging and Weights

<b>Height, packed</b>	41 mm   1.614 in
<b>Width, packed</b>	120 mm   4.724 in
<b>Length, packed</b>	140 mm   5.512 in
<b>Packaging quantity</b>	1
<b>Weight, gross</b>	27 g   0.06 lb

# HSG-LDF4-DR



HELIAX® SureGuard® Boot for 1/2 in right angle jumpers to antennas or devices

- 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 Type</b>	Weatherproofing boot
<b>Product Brand</b>	HELIAX®   SureGuard®
<b>Ordering Note</b>	CommScope® non-standard product

## General Specifications

<b>Application</b>	Provides additional moisture seal for cable connections
<b>Applications per Kit</b>	One 1/2 in to antenna or device connection
<b>Color</b>	Black

## Dimensions

<b>Width</b>	55 mm   2.165 in
<b>Length</b>	124.5 mm   4.902 in
<b>Cable Diameter for Seal, maximum</b>	16.26 mm   0.64 in
<b>Cable Diameter for Seal, minimum</b>	15.59 mm   0.614 in
<b>Inner Diameter</b>	14.35 mm   0.565 in
<b>Nominal Size</b>	1/2 in

## Material Specifications

<b>Material Type</b>	Silicone rubber
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## Environmental Specifications

<b>Installation temperature</b>	-40 °C to +65 °C (-40 °F to +149 °F)
<b>Operating Temperature</b>	-40 °C to +85 °C (-40 °F to +185 °F)
<b>Storage Temperature</b>	-55 °C to +85 °C (-67 °F to +185 °F)

# HSG-LDF4-DR

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<b>UV Resistance Test Method</b>	ASTM G154-12a
<b>UV Resistance, minimum with no degradation</b>	≥1000 hours
<b>Weather Resistance Test Method</b>	IEC 60068-2-11   IEC 60529:2001, IP68

## Packaging and Weights

<b>Height, packed</b>	41 mm   1.614 in
<b>Width, packed</b>	120 mm   4.724 in
<b>Length, packed</b>	140 mm   5.512 in
<b>Packaging quantity</b>	1
<b>Weight, gross</b>	29.5 g   0.065 lb