

L4-DMDR-6M-SGW-D



D-CLASS LDF4-50A SureFlex® Jumper with interface types 7-16 DIN Male and 7-16 DIN Male Right angle with HELIAX® SureGuard weatherproofing, 6m

- 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	Right angle
Interface, Connector A	7-16 DIN Male
Interface, Connector B	7-16 DIN Male
Specification Sheet Revision Level	A

Dimensions

Length	6 m 19.685 ft
Nominal Size	1/2 in

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	-32 dB

Logo Image

L4-DMDR-6M-SGW-D



VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)
698-960 MHz	1.083	27.99
1700-2200 MHz	1.083	27.99
2200-2700 MHz	1.135	23.98

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



L4-DMDR-6M-SGW-D

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
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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-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

Product Type	Weatherproofing boot
Product Brand	HELIAX® SureGuard®
Ordering Note	CommScope® non-standard product

General Specifications

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

Dimensions

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

Material Specifications

Material Type	Silicone rubber
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Environmental Specifications

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

HSG-LDF4

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

Packaging and Weights

Height, packed	41 mm 1.614 in
Width, packed	120 mm 4.724 in
Length, packed	140 mm 5.512 in
Packaging quantity	1
Weight, gross	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

Product Type	Weatherproofing boot
Product Brand	HELIAX® SureGuard®
Ordering Note	CommScope® non-standard product

General Specifications

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

Dimensions

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

Material Specifications

Material Type	Silicone rubber
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Environmental Specifications

Installation temperature	-40 °C to +65 °C (-40 °F to +149 °F)
Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
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HSG-LDF4-DR

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

Packaging and Weights

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