F4-DFDR-3M-SGW-D

D-CLASS HELIAX® 1/2" SureFlex® Jumper with interface types 7-16 DIN Female and 7-16 DIN Male Right Angle with HELIAX® SureGuard weatherproofing, 3 m (boot on DR end only, and DF end no boot)

- 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	RSJ4-50

General Specifications

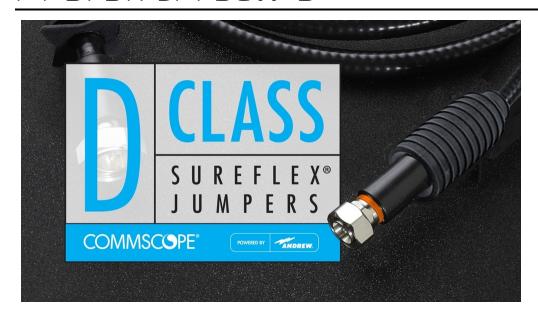|	
Body Style, Connector A	Straight
Body Style, Connector B	Right angle
Interface, Connector A	7-16 DIN Female
Interface, Connector B	7-16 DIN Male
Specification Sheet Revision Level	A

Dimensions

Length	3 m	9.843 ft
Nominal Size	1/2 in

Logo Image

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F4-DFDR-3M-SGW-D

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	1.083	27.99
1700–2200 MHz	1.083	27.99
2200–2700 MHz	1.135	23.98
3400–3800 MHz	1.222	20.01

Jumper Assembly Sample Label

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F4-DFDR-3M-SGW-D

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**

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

Included Products

| HSG-FSJ4-DR | – | HELIAX® SureGuard® Boot for 1/2 in right angle jumpers to antennas or devices |

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HSG-FSJ4-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	112.5 mm | 4.429 in
Cable Diameter for Seal, maximum	13.74 mm | 0.541 in
Cable Diameter for Seal, minimum	13.18 mm | 0.519 in
Inner Diameter	11.3 mm | 0.445 in
Nominal Size	1/2 in

Material Specifications

Material Type	Silicone rubber

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)
UV Resistance Test Method	ASTM G154-12a
UV Resistance, minimum with no degradation	≥1000 hours

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HSG-FSJ4-DR

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	27.7 g	0.061 lb

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