

F4-DFDR-1M5-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, 1.5 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 | 1.5 m 4.921 ft |
| Nominal Size | 1/2 in |

Logo Image

F4-DFDR-1M5-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

F4-DFDR-1M5-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 |
|-----------------|----------------------|

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.andrew.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 |
|-------------|---|---|

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 | ANDREW® 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 |

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