



L4A-DMDM-10-P-SGW

LDF4-50A SureFlex® Jumper with interface types 7-16 DIN Male and 7-16 DIN Male with HELIAX® SureGuard weatherproofing, 10 ft

- 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 Series	LDF4-50A
Product Type	SureFlex® Premium, static PIM

General Specifications

Body Style, Connector A	Straight
Body Style, Connector B	Straight
Interface, Connector A	7-16 DIN Male
Interface, Connector B	7-16 DIN Male
Length	3.048 m 10.000 ft
Weatherproofing Method	HELIAX® SureGuard weatherproofing boot
Nominal Size	1/2 in
Includes	Weatherproofing boot
Ordering Note	CommScope® standard product in the United States and Canada
Specification Sheet Revision Level	B

Electrical Specifications

3rd Order IMD Static	-159.00 dBc -116.00 dBm
3rd Order IMD Static Test Method	Two +43 dBm carriers
DTF, Connector A	-34.00 dB
DTF, Connector B	-34.00 dB

Jumper Assembly Sample Label

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Return Loss/VSWR

Frequency Band	VSWR	Return Loss (dB)
698–960 MHz	1.06	30.00
1700–2200 MHz	1.06	30.00
2200–2700 MHz	1.11	26.00

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system



Included Products

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

L4DM-S2 — 7-16 DIN Male for 1/2 in LDF4-50A cable, factory attached

HSG-LDF4 (Product Component—not orderable) — HELIAX® SureGuard Boot for 1/2 in jumpers to antennas or devices

HSG-M29-ADPT — HELIAX® SureGuard sealing adapter 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-DR)

HSG-1620-ADPT — HELIAX® SureGuard sealing adapter for narrow (16mm to 20mm) device ports that will form a weather seal with the HELIAX® SureGuard Boots (HSG-LDF4, HSG-LDF4-DR, HSG-FSJ4 and HSG-FSJ4-DR)

HSG-LDF4-LARGE (Product Component—not orderable) — HELIAX® SureGuard Boot for 1/2 in jumpers to antennas or devices

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

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12L450 — 1/2", HELIAX® Low Density Foam Coaxial Cable, corrugated copper, 1/2 in, black PE jacket

HSG-M29-ADPT-L — HELIAX® SureGuard sealing adapter 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-DR)