F4-DMDM-SGWB-D

Base Product

D-CLASS HELIAX® 1/2" Superflexible SureFlex® Jumper with interface types 7-16 DIN Male and 7-16 DIN Male with HELIAX® SureGuard weatherproofing and Birdproofing

- SureFlex® cable assemblies deliver outstanding RF results
- SureFlex® cable assemblies meet IP68 standards
- CommScope tests each assembly for PIM, VSWR and DTF—sharing the results on WebTrak®

Product Classification

Product Type	Wireless transmission cable assembly
Product Brand	HELIAX® | SureFlex®
Product Series	RSJ4-50
Ordering Note	For custom cable assembly lengths, please contact your local CommScope representative

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
Specification Sheet Revision Level	A

Dimensions

Cable Assembly Length Range (m)	0.5 – 30
Nominal Size	1/2 in

Logo Image

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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

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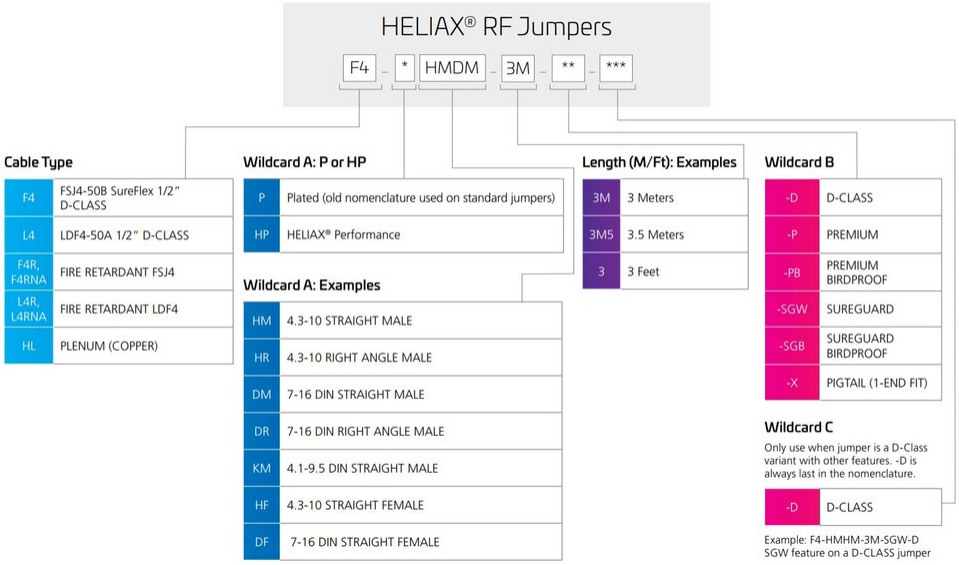
Ordering Tree



Electrical Performance

Frequency Band	RL (Length ≤ 6m)	VSWR (Length ≤ 6m)	RL (Length > 6m)	VSWR (Length > 6m)
698 – 970 MHz	30.00	1.070	26.40	1.110
1700 – 2200 MHz	30.00	1.070	26.40	1.110
2200 – 2700 MHz	26.00	1.110	24.00	1.140

Jumper Assembly Sample Label

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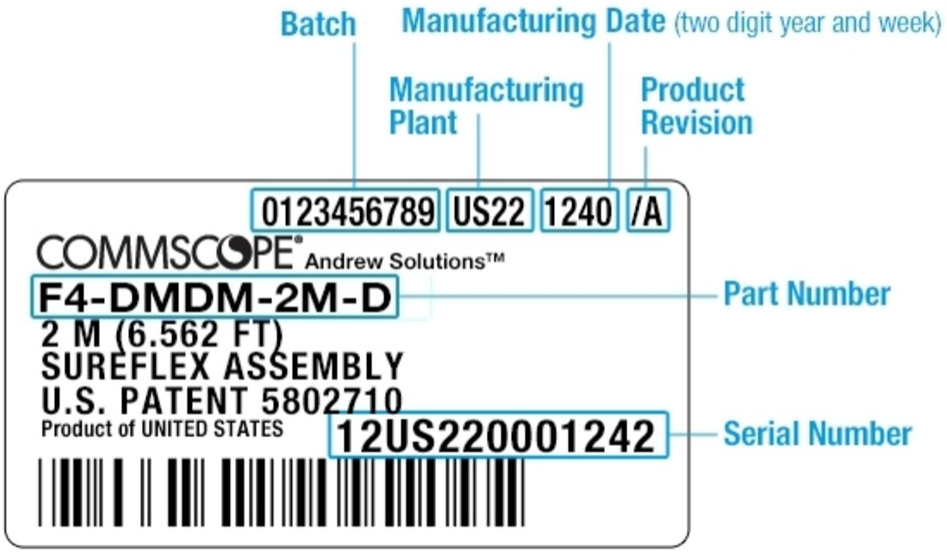

Environmental Specifications

Immersion Test Method	Meets IEC 60529:2001, IP68 in mated condition
Weatherproofing Method	HELIAX® SureGuard weatherproofing boot

Packaging and Weights

Included	Weatherproofing boot

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