

F4CR-DMDR-3M-E1



HELIAX® 1/2" Superflexible Fire retardant SureFlex® Jumper with interface types 7-16 DIN Male and 7-16 DIN Male Right Angle, 3M with black non-halogenated fire-retardant polyolefin jacket.

Product Classification

Product Type	Wireless transmission cable assembly
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 Male
Interface, Connector B	7-16 DIN Male
Specification Sheet Revision Level	D

Dimensions

Length	3 m 9.843 ft
Nominal Size	1/2 in

Electrical Specifications

3rd Order IMD Static	-110 dBm
3rd Order IMD Test Method	Two +43 dBm carriers
DTF, Connector A	-32 dB
DTF, Connector B	-32 dB

VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)	Insertion Loss, typical (dB)
698–960 MHz	1.065	30.04	0.49
1700–2200 MHz	1.083	27.99	0.76

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2300–2700 MHz	1.106	25.96	0.86
3400–3800 MHz	1.222	20.01	1.08

Jumper Assembly Sample Label



Environmental Specifications

EN50575 CPR Cable EuroClass Fire Performance	B2ca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d1
EN50575 CPR Cable EuroClass Acidity Rating	a1
Immersion Test Method	Meets IEC 60529:2001, IP68 in mated condition

Included Products

F4DR-S2	–	7-16 DIN Male Right Angle for 1/2 in FSJ4-50B and RSJ4-50 cable, factory attached
F4XDM-S2	–	7-16DIN Male for 1/2 in RSJ4-50LF cable, factory attached
RSJ4RK-50LF	–	RSJ4-50, HELIAX® Superflexible Foam Coaxial Cable, corrugated copper, 1/2 in, black non-halogenated, fire retardant polyolefin jacket B2ca-s1a,d1,a1