

# F4CR-DMDR-20M-E1



HELIAX® 1/2" Superflexible Fire retardant SureFlex® Jumper with interface types 7-16 DIN Male and 7-16 DIN Male Right Angle, 20M with black non-halogenated fire retardant polyolefin jacket

## Product Classification

<b>Product Type</b>	Wireless transmission cable assembly
<b>Product Brand</b>	HELIAX®   SureFlex®
<b>Product Series</b>	RSJ4-50

## General Specifications

<b>Body Style, Connector A</b>	Straight
<b>Body Style, Connector B</b>	Right angle
<b>Interface, Connector A</b>	7-16 DIN Male
<b>Interface, Connector B</b>	7-16 DIN Male
<b>Specification Sheet Revision Level</b>	D

## Dimensions

<b>Length</b>	20 m   65.617 ft
<b>Nominal Size</b>	1/2 in

## Electrical Specifications

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

# F4CR-DMDR-20M-E1

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