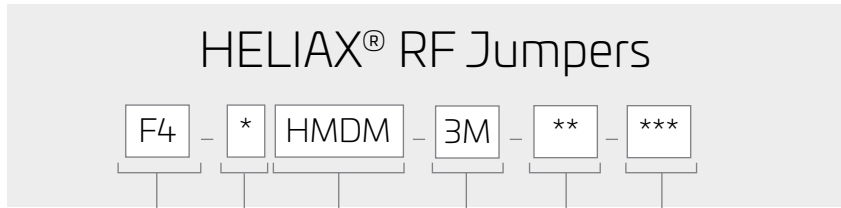


# HELIAX® RF Jumpers

## Model Number Nomenclature Chart



### Cable Type

F4	FSJ4-50B SureFlex 1/2" D-CLASS
L4	LDF4-50A 1/2" D-CLASS
F4R, F4RNA	FIRE RETARDANT FSJ4
L4R, L4RNA	FIRE RETARDANT LDF4
HL	PLENUM (COPPER)

### Wildcard A: P or HP

P	Plated (old nomenclature used on standard jumpers)
HP	HELIAX® Performance

### Wildcard A: Examples

HM	4.3-10 STRAIGHT MALE
HR	4.3-10 RIGHT ANGLE MALE
DM	7-16 DIN STRAIGHT MALE
DR	7-16 DIN RIGHT ANGLE MALE
KM	4.1-9.5 DIN STRAIGHT MALE
HF	4.3-10 STRAIGHT FEMALE
DF	7-16 DIN STRAIGHT FEMALE

### Length (M/Ft): Examples

3M	3 Meters
3M5	3.5 Meters
3	3 Feet

### Wildcard B

-D	D-CLASS
-P	PREMIUM
-PB	PREMIUM BIRDPROOF
-SGW	SUREGUARD
-SGB	SUREGUARD BIRDPROOF
-X	PIGTAIL (1-END FIT)

### Wildcard C

Only use when jumper is a D-Class variant with other features. -D is always last in the nomenclature.

-D	D-CLASS
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Example: F4-HM4M-3M-SGW-D SGW feature on a D-CLASS jumper

SureFlex® cable and connectors are physically bonded to create an assembly that delivers outstanding RF results where they matter most: passive intermodulation (PIM), voltage standing wave ratio (VSWR), and distance-to-fault (DTF).

CommScope tests each assembly for PIM, VSWR and DTF—sharing the results on WebTrak®.

SureFlex® cable assemblies meet IP68 standards

## SureFlex Cable Assemblies; Superflexible 1/2-Inch Cable

Description	Cable Length (feet)	Part Number	Cable Length (meters)	Part Number
7-16 DIN Male to 7-16 DIN Male	2'	F4-DMDM-2-D	0.5M	F4-DMDM-M5-D
	3'	F4-DMDM-3-D	1M	F4-DMDM-1M-D
	4'	F4-DMDM-4-D	1.5M	F4-DMDM-1M5-D
	6'	F4-DMDM-6-D	2M	F4-DMDM-2M-D
	8'	F4-DMDM-8-D	2.5M	F4-DMDM-2M5-D
	10'	F4-DMDM-10-D	3M	F4-DMDM-3M-D
	12'	F4-DMDM-12-D	4M	F4-DMDM-4M-D
	15'	F4-DMDM-15-D	5M	F4-DMDM-5M-D
	20'	F4-DMDM-20-D	6M	F4-DMDM-6M-D
	30'	F4-DMDM-30-D	10M	F4-DMDM-10M-D
7-16 DIN Male to 7-16 DIN Male Right Angle	10'	F4-DMDR-10-D	3M	F4-DMDR-3M-D
	15'	F4-DMDR-15-D	5M	F4-DMDR-5M-D
	20'	F4-DMDR-20-D	6M	F4-DMDR-6M-D
	25'	F4-DMDR-25-D	8M	F4-DMDR-8M-D
	30'	F4-DMDR-30-D	10M	F4-DMDR-10M-D

## SureFlex Cable Assemblies; Superflexible 1/2-Inch Cable *continued*

Description	Cable Length (feet)	Part Number	Cable Length (meters)	Part Number
7-16 DIN Male to 7-16 DIN Male	2'	F4A-DMDM-2-P	0.5M	F4A-DMDM-M5-P
	3'	F4A-DMDM-3-P	1M	F4A-DMDM-1M-P
	4'	F4A-DMDM-4-P	1.5M	F4A-DMDM-1M5-P
	6'	F4A-DMDM-6-P	2M	F4A-DMDM-2M-P
	8'	F4A-DMDM-8-P	2.5M	F4A-DMDM-2M5-P
	10'	F4A-DMDM-10-P	3M	F4A-DMDM-3M-P
	12'	F4A-DMDM-12-P	3.5M	F4A-DMDM-3M5-P
	15'	F4A-DMDM-15-P	4M	F4A-DMDM-4M-P
	20'	F4A-DMDM-20-P	6M	F4A-DMDM-6M-P
	30'	F4A-DMDM-30-P	10M	F4A-DMDM-10M-P
7-16 DIN Male to 7-16 DIN Male Right Angle	10'	F4A-DMDR-10-P	3M	F4A-DMDR-3M-P
	15'	F4A-DMDR-15-P	5M	F4A-DMDR-5M-P
	20'	F4A-DMDR-20-P	6M	F4A-DMDR-6M-P
	25'	F4A-DMDR-25-P	8M	F4A-DMDR-8M-P
	30'	F4A-DMDR-30-P	10M	F4A-DMDR-10M-P

## D-CLASS SureFlex Cable Assemblies; Superflexible 1/2-Inch Cable

Description	Cable Length (feet)	Part Number	Cable Length (meters)	Part Number
4.3-10 Male to 7-16 DIN Male	2'	F4-HMDM-2-D	0.5M	F4-HM5M-M5-D
	3'	F4-HMDM-3-D	1M	F4-HMDM-1M-D
	4'	F4-HMDM-4-D	1.5M	F4-HMDM-1M5-D
	6'	F4-HMDM-6-D	2M	F4-HMDM-2M-D
	8'	F4-HMDM-8-D	2.5M	F4-HMDM-2M5-D
	10'	F4-HMDM-10-D	3M	F4-HMDM-3M-D
	12'	F4-HMDM-12-D	4M	F4-HMDM-4M-D
	15'	F4-HMDM-15-D	5M	F4-HMDM-5M-D
	20'	F4-HMDM-20-D	6M	F4-HMDM-6M-D
	25'	F4-HMDM-25-D	8M	F4-HMDM-8M-D
	30'	F4-HMDM-30-D	10M	F4-HMDM-10M-D
4.3-10 Male Right Angle to 7-16 DIN Male	10'	F4-HRDM-10-D	3M	F4-HRDM-3M-D
	15'	F4-HRDM-15-D	5M	F4-HRDM-5M-D
	20'	F4-HRDM-20-D	6M	F4-HRDM-6M-D
	25'	F4-HRDM-25-D	8M	F4-HRDM-8M-D
	30'	F4-HRDM-30-D	10M	F4-HRDM-10M-D
4.3-10 Male to 7-16 DIN Male Right Angle	10'	F4-HMDR-10-D	3M	F4-HMDR-3M-D
	15'	F4-HMDR-15-D	5M	F4-HMDR-5M-D
	20'	F4-HMDR-20-D	6M	F4-HMDR-6M-D
	25'	F4-HMDR-25-D	8M	F4-HMDR-8M-D
	30'	F4-HMDR-30-D	10M	F4-HMDR-10M-D

## D-CLASS SureFlex Cable Assemblies; Superflexible 1/2-Inch Cable *continued*

Description	Cable Length (feet)	Part Number	Cable Length (meters)	Part Number
4.3-10 Male to 4.3-10 Male	2'	F4-HMHM-2-D	0.5M	F4-HMHM-M5-D
	3'	F4-HMHM-3-D	1M	F4-HMHM-1M-D
	4'	F4-HMHM-4-D	1.5M	F4-HMHM-1M5-D
	6'	F4-HMHM-6-D	2M	F4-HMHM-2M-D
	8'	F4-HMHM-8-D	2.5M	F4-HMHM-2M5-D
	10'	F4-HMHM-10-D	3M	F4-HMHM-3M-D
	12'	F4-HMHM-12-D	4M	F4-HMHM-4M-D
	15'	F4-HMHM-15-D	5M	F4-HMHM-5M-D
	20'	F4-HMHM-20-D	6M	F4-HMHM-6M-D
	25'	F4-HMHM-25-D	8M	F4-HMHM-8M-D
	30'	F4-HMHM-30-D	10M	F4-HMHM-10M-D
4.3-10 Male Right Angle to 4.3-10 Male Right Angle	10'	F4-HRHR-10-D	3M	F4-HMDR-3M-D
	15'	F4-HRHR-15-D	5M	F4-HMDR-5M-D
	20'	F4-HRHR-20-D	6M	F4-HMDR-6M-D
	25'	F4-HRHR-25-D	8M	F4-HMDR-8M-D
	30'	F4-HRHR-30-D	10M	F4-HMDR-10M-D

# SureFlex Cable Assemblies; Standard 1/2-Inch Cable

Description	Cable Length (feet)	Part Number	Cable Length (meters)	Part Number
7-16 DIN Male to 7-16 DIN Male	3'	L4A-DMDM-3-P	1M	L4A-DMDM-1M-P
	4'	L4A-DMDM-4-P	1.5M	L4A-DMDM-1M5-P
	6'	L4A-DMDM-6-P	2M	L4A-DMDM-2M-P
	8'	L4A-DMDM-8-P	2.5M	L4A-DMDM-2M5-P
	10'	L4A-DMDM-10-P	3M	L4A-DMDM-3M-P
	12'	L4A-DMDM-12-P	4M	L4A-DMDM-4M-P
	15'	L4A-DMDM-15-P	5M	L4A-DMDM-5M-P
	20'	L4A-DMDM-20-P	6M	L4A-DMDM-6M-P
	30'	L4A-DMDM-30-P	10M	L4A-DMDM-10M-P
	40'	L4A-DMDM-40-P	12M	L4A-DMDM-12M-P
	60'	L4A-DMDM-60-P	18M	L4A-DMDM-18M-P
7-16 DIN Male to 7-16 DIN Male Right Angle	6'	L4A-DMDR-6-P	2M	L4A-DMDR-2M-P
	8'	L4A-DMDR-8-P	2.5M	L4A-DMDR-2M5-P
	10'	L4A-DMDR-10-P	3M	L4A-DMDR-3M-P
	15'	L4A-DMDR-15-P	5M	L4A-DMDR-5M-P
	20'	L4A-DMDR-20-P	6M	L4A-DMDR-6M-P

# D-CLASS SureFlex Cable Assemblies; Standard 1/2-Inch Cable

Description	Cable Length (feet)	Part Number	Cable Length (meters)	Part Number
4.3-10 Male to 7-16 DIN Male	3'	L4-HMDM-3-D	1M	L4-HMDM-1M-D
	4'	L4-HMDM-4-D	1.5M	L4-HMDM-1M5-D
	6'	L4-HMDM-6-D	2M	L4-HMHM-2M-D
	8'	L4-HMDM-8-D	2.5M	L4-HMDM-2M5-D
	10'	L4-HMDM-10-D	3M	L4-HMDM-3M-D
	12'	L4-HMDM-12-D	4M	L4-HMDM-4M-D
	15'	L4-HMDM-15-D	5M	L4-HMDM-5M-D
	20'	L4-HMDM-20-D	6M	L4-HMDM-6M-D
	25'	L4-HMDM-25-D	8M	L4-HMDM-8M-D
30'	L4-HMDM-30-D	10M	L4-HMDM-10M-D	
4.3-10 Male to 7-16 DIN Male Right Angle	6'	L4-HMDR-6-D	2M	L4-HMDR-2M-D
	8'	L4-HMDR-8-D	2.5M	L4-HMDR-2M5-D
	10'	L4-HMDR-10-D	3M	L4-HMDR-3M-D
	15'	L4-HMDR-15-D	5M	L4-HMDR-5M-D
	20'	L4-HMDR-20-D	6M	L4-HMDR-6M-D
4.3-10 Male Right Angle to 7-16 DIN Male	6'	L4-HRDM-6-D	2M	L4-HRDM-2M-D
	8'	L4-HRDM-8-D	2.5M	L4-HRDM-2M5-D
	10'	L4-HRDM-10-D	3M	L4-HRDM-3M-D
	15'	L4-HRDM-15-D	5M	L4-HRDM-5M-D
	20'	L4-HRDM-20-D	6M	L4-HRDM-6M-D

## D-CLASS SureFlex Cable Assemblies; Standard 1/2-Inch Cable *continued*

Description	Cable Length (feet)	Part Number	Cable Length (meters)	Part Number
4.3-10 Male to 4.3-10 Male	3'	L4-HMHM-3-D	1M	L4-HMHM-1M-D
	4'	L4-HMHM-4-D	1.5M	L4-HMHM-1M5-D
	6'	L4-HMHM-6-D	2M	L4-HMHM-2M-D
	8'	L4-HMHM-8-D	2.5M	L4-HMHM-2M5-D
	10'	L4-HMHM-10-D	3M	L4-HMHM-3M-D
	12'	L4-HMHM-12-D	4M	L4-HMHM-4M-D
	15'	L4-HMHM-15-D	5M	L4-HMHM-5M-D
	20'	L4-HMHM-20-D	6M	L4-HMHM-6M-D
	25'	L4-HMHM-25-D	8M	L4-HMHM-8M-D
	30'	L4-HMHM-30-D	10M	L4-HMHM-10M-D



# D-CLASS SureFlex Cable Assemblies; Standard 1/2-Inch Cable with SureGuard weatherproofing

Description	Cable Length (feet)	Part Number	Cable Length (meters)	Part Number
4.3-10 Male to 7-16 DIN Male	3'	L4-HMDM-3-SGW-D	1M	L4-HMDM-1M-SGW-D
	4'	L4-HMDM-4-SGW-D	1.5M	L4-HMDM-1M5-SGW-D
	6'	L4-HMDM-6-SGW-D	2M	L4-HMDM-2M-SGW-D
	8'	L4-HMDM-8-SGW-D	2.5M	L4-HMDM-2M5-SGW-D
	10'	L4-HMDM-10-SGW-D	3M	L4-HMDM-3M-SGW-D
	12'	L4-HMDM-12-SGW-D	4M	L4-HMDM-4M-SGW-D
	15'	L4-HMDM-15-SGW-D	5M	L4-HMDM-5M-SGW-D
	20'	L4-HMDM-20-SGW-D	6M	L4-HMDM-6M-SGW-D
	25'	L4-HMDM-25-SGW-D	8M	L4-HMDM-8M-SGW-D
4.3-10 Male to 4.3-10 Male	30'	L4-HMDM-30-SGW-D	10M	L4-HMDM-10M-SGW-D
	3'	L4-HMHM-3-SGW-D	1M	L4-HMHM-1M-SGW-D
	4'	L4-HMHM-4-SGW-D	1.5M	L4-HMHM-1M5-SGW-D
	6'	L4-HMHM-6-SGW-D	2M	L4-HMHM-2M-SGW-D
	8'	L4-HMHM-8-SGW-D	2.5M	L4-HMHM-2M5-SGW-D
	10'	L4-HMHM-10-SGW-D	3M	L4-HMHM-3M-SGW-D
	12'	L4-HMHM-12-SGW-D	4M	L4-HMHM-3M5-SGW-D
	15'	L4-HMHM-15-SGW-D	5M	L4-HMHM-5M-SGW-D
	20'	L4-HMHM-20-SGW-D	6M	L4-HMHM-6M-SGW-D
25'	L4-HMHM-25-SGW-D	8M	L4-HMHM-8M-SGW-D	
30'	L4-HMHM-30-SGW-D	10M	L4-HMHM-10M-SGW-D	

## D-CLASS SureFlex Cable Assemblies; Standard 1/2-Inch Cable with SureGuard weatherproofing *continued*

Description	Cable Length (feet)	Part Number	Cable Length (meters)	Part Number
7-16 DIN Male to 7-16 DIN Male	3'	L4A-DMDM-3-P-SGW	1M	L4A-DMDM-1M-P-SGW
	4'	L4A-DMDM-4-P-SGW	1.5M	L4A-DMDM-1M5-P-SGW
	6'	L4A-DMDM-6-P-SGW	2M	L4A-DMDM-2M-P-SGW
	8'	L4A-DMDM-8-P-SGW	2.5M	L4A-DMDM-2M5-P-SGW
	10'	L4A-DMDM-10-P-SGW	3M	L4A-DMDM-3M-P-SGW
	12'	L4A-DMDM-12-P-SGW	3.5M	L4A-DMDM-3M5-P-SGW
	15'	L4A-DMDM-15-P-SGW	5M	L4A-DMDM-5M-P-SGW
	20'	L4A-DMDM-20-P-SGW	6M	L4A-DMDM-6M-P-SGW
7-16 DIN Male to 7-16 DIN Male Right Angle	6'	L4A-DMDR-6-P-SGW	2M	L4A-DMDR-2M-P-SGW
	8'	L4A-DMDR-8-P-SGW	2.5M	L4A-DMDR-2M5-P-SGW
	10'	L4A-DMDR-10-P-SGW	3M	L4A-DMDR-3M-P-SGW
	15'	L4A-DMDR-15-P-SGW	5M	L4A-DMDR-5M-P-SGW
	20'	L4A-DMDR-20-P-SGW	6M	L4A-DMDR-6M-P-SGW

# SureFlex Cable Assemblies; Superflexible 1/4-Inch Cable

Description	Cable Length (feet)	Part Number	Cable Length (meters)	Part Number
<b>SureFlex Cable Assemblies</b>				
<b>With superflexible 1/4-Inch FSJ1-50A</b>				
4.3-10 Male to 4.3-10 Male	1'	F1A-HMHM-1-P	1M	F1A-HMHM-1M-P
	2'	F1A-HMHM-2-P	2M	F1A-HMHM-2M-P
	3'	F1A-HMHM-3-P	3M	F1A-HMHM-3M-P
	4'	F1A-HMHM-4-P	4M	F1A-HMHM-4M-P
	5'	F1A-HMHM-5-P	5M	F1A-HMHM-5M-P
	10'	F1A-HMHM-10-P	10M	F1A-HMHM-10M-P
	20'	F1A-HMHM-20-P	20M	F1A-HMHM-20M-P
4.3-10 Male to 4.3-10 Male Right Angle	1'	F1A-HMHR-1-P	1M	F1A-HMHR-1M-P
	2'	F1A-HMHR-2-P	2M	F1A-HMHR-2M-P
	3'	F1A-HMHR-3-P	3M	F1A-HMHR-3M-P
	4'	F1A-HMHR-4-P	4M	F1A-HMHR-4M-P
	5'	F1A-HMHR-5-P	5M	F1A-HMHR-5M-P
	10'	F1A-HMHR-10-P	10M	F1A-HMHR-10M-P
	20'	F1A-HMHR-20-P	20M	F1A-HMHR-20M-P
4.3-10 Male to 7-16 DIN Male	1'	F1A-HMDM-1-P	1M	F1A-HMDM-1M-P
	2'	F1A-HMDM-2-P	2M	F1A-HMDM-2M-P
	3'	F1A-HMDM-3-P	3M	F1A-HMDM-3M-P
	4'	F1A-HMDM-4-P	4M	F1A-HMDM-4M-P
	5'	F1A-HMDM-5-P	5M	F1A-HMDM-5M-P
	10'	F1A-HMDM-10-P	10M	F1A-HMDM-10M-P
	20'	F1A-HMDM-20-P	20M	F1A-HMDM-20M-P

# SureFlex Cable Assemblies; Superflexible 1/4-Inch Cable *continued*

Description	Cable Length (feet)	Part Number	Cable Length (meters)	Part Number
<b>SureFlex Cable Assemblies</b>				
<b>With superflexible 1/4-Inch FSJ1-50A</b>				
7-16 DIN Male to 7-16 DIN Male Right Angle	1'	F1A-DMDR-1-P	1M	F1A-DMDR-1M-P
	2'	F1A-DMDR-2-P	2M	F1A-DMDR-2M-P
	3'	F1A-DMDR-3-P	3M	F1A-DMDR-3M-P
	4'	F1A-DMDR-4-P	4M	F1A-DMDR-4M-P
	5'	F1A-DMDR-5-P	5M	F1A-DMDR-5M-P
	10'	F1A-DMDR-10-P	10M	F1A-DMDR-10M-P
	20'	F1A-DMDR-20-P	20M	F1A-DMDR-20M-P

# SureFlex Cable Assemblies; Superflexible 3/8-Inch Cable

Description	Cable Length (feet)	Part Number	Cable Length (meters)	Part Number
<b>SureFlex Cable Assemblies</b>				
<b>With superflexible 3/8-Inch FSJ2-50</b>				
4.3-10 Male to 4.3-10 Male	1'	F2A-HMHM-1-P	1M	F2A-HMHM-1M-P
	2'	F2A-HMHM-2-P	2M	F2A-HMHM-2M-P
	3'	F2A-HMHM-3-P	3M	F2A-HMHM-3M-P
	4'	F2A-HMHM-4-P	4M	F2A-HMHM-4M-P
	5'	F2A-HMHM-5-P	5M	F2A-HMHM-5M-P
	10'	F2A-HMHM-10-P	10M	F2A-HMHM-10M-P
	20'	F2A-HMHM-20-P	20M	F2A-HMHM-20M-P
4.3-10 Male to 4.3-10 Male Right Angle	1'	F2A-HMHR-1-P	1M	F2A-HMHR-1M-P
	2'	F2A-HMHR-2-P	2M	F2A-HMHR-2M-P
	3'	F2A-HMHR-3-P	3M	F2A-HMHR-3M-P
	4'	F2A-HMHR-4-P	4M	F2A-HMHR-4M-P
	5'	F2A-HMHR-5-P	5M	F2A-HMHR-5M-P
	10'	F2A-HMHR-10-P	10M	F2A-HMHR-10M-P
	20'	F2A-HMHR-20-P	20M	F2A-HMHR-20M-P
4.3-10 Male to 7-16 DIN Male	1'	F2A-HMDM-1-P	1M	F2A-HMDM-1M-P
	2'	F2A-HMDM-2-P	2M	F2A-HMDM-2M-P
	3'	F2A-HMDM-3-P	3M	F2A-HMDM-3M-P
	4'	F2A-HMDM-4-P	4M	F2A-HMDM-4M-P
	5'	F2A-HMDM-5-P	5M	F2A-HMDM-5M-P
	10'	F2A-HMDM-10-P	10M	F2A-HMDM-10M-P
	20'	F2A-HMDM-20-P	20M	F2A-HMDM-20M-P

# SureFlex Cable Assemblies; Superflexible 3/8-Inch Cable *continued*

Description	Cable Length (feet)	Part Number	Cable Length (meters)	Part Number
<b>SureFlex Cable Assemblies</b>				
<b>With superflexible 3/8-Inch FSJ2-50</b>				
4.3-10 Male to 7-16 DIN Male Right Angle	1'	F2A-HMDR-1-P	1M	F2A-HMDR-1M-P
	2'	F2A-HMDR-2-P	2M	F2A-HMDR-2M-P
	3'	F2A-HMDR-3-P	3M	F2A-HMDR-3M-P
	4'	F2A-HMDR-4-P	4M	F2A-HMDR-4M-P
	5'	F2A-HMDR-5-P	5M	F2A-HMDR-5M-P
	10'	F2A-HMDR-10-P	10M	F2A-HMDR-10M-P
	20'	F2A-HMDR-20-P	20M	F2A-HMDR-20M-P
7-16 DIN Male to 7-16 DIN Male Right Angle	1'	F2A-DMDR-1-P	1M	F2A-DMDR-1M-P
	2'	F2A-DMDR-2-P	2M	F2A-DMDR-2M-P
	3'	F2A-DMDR-3-P	3M	F2A-DMDR-3M-P
	4'	F2A-DMDR-4-P	4M	F2A-DMDR-4M-P
	5'	F2A-DMDR-5-P	5M	F2A-DMDR-5M-P
	10'	F2A-DMDR-10-P	10M	F2A-DMDR-10M-P
	20'	F2A-DMDR-20-P	20M	F2A-DMDR-20M-P

**D-CLASS SureFlex Cable Assemblies Available:**

**D-Class Jumpers Order Configuration**

**F2-HMHM-xx-D**

**D-Class with SureGuard Boot Order Configuration**

**F2-HMHM-xx-W-D** (for two boots)

**F2-HMHM-xx-W1-D** (for one boot)

\*Stock and Return Conditions Apply to All 1/4" and 3/8" Assemblies