

HELIAX® Connectors

Model Number Nomenclature Chart

1 2 3 4
F4 - * HM - D

Cable Compatibility Indicator

1	F4	FSJ4-50B SUPERFLEX 1/2"
	L4	LDF4-50A STANDARD FLEX 1/2"
	ALF	AVA5-50
	A5	AVA5-50, AVA5-50FX
	AL6, A6	FIRE RETARDANT LDF4
	78	7/8" COAX
	114	1 1/4" COAX
	158	1 5/8" COAX
	F1	FSJ1-50A SUPERFLEX 1/4"
	F2	FSJ2-50 SUPERFLEX 3/8"
	L1	LDF1-50 STANDARD FLEX 1/4"
	L2	LDF2-50 STANDARD FLEX 3/8"

Wildcard A

2	EZ	EZ FIT
	B	BULKHEAD FEMALE
	P	PLATED (OLD NOMENCLATURE)
	T	TRI-METAL PLATED (OLD NOMENCLATURE)

Length (M/Ft): Examples

3	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

Wildcard B

4	-D	D-CLASS
	-PSA OR -PS	POSITIVE STOP
	-C	CAPTIVATED CENTER CONTACT
	-H	HEX COUPLING NUT
	-HC	HEX COUPLING NUT CAPTIVATED CENTER CONTACT
	-BH	BULKHEAD FEMALE
	-BHC	BULKHEAD FEMALE CAPTIVATED CENTER CONTACT

Example: F4HM-D
F4 = FITS FSJ4 cable
H = 4.3-10 interface
M = Male
-D = D-CLASS series

50 Ohm Connectors

Cable Size	Cable Type	Connector Type	Connector Part Number	Cable Prep Tool Used	Coupling Nut Torque Tool Used	
50 Ohm Connectors						
1/2"	Standard; LDF4-50A	4.3-10 Male	L4HM-D	CPT-L4-D	TW-4310	
		7-16 DIN Male	L4TDM-PSA	CPT-12U	244377	
		7-16 DIN Female	L4TDF-PSA		244377	
		7-16 DIN Male, Right Angle	L4DR-PS		244377	
		N Male	L4TNM-PSA		244379	
		N Female	L4TNF-PSA		244379	
	Superflexible; FSJ4-50B	4.3-10 Male	F4HM-D		CPT-F4-D	TW-4310
		7-16 DIN Male	F4PDMV2-C	CPT-F4B	244377	
		7-16 DIN Female	F4PDF-C		244377	
		7-16 DIN Male, Right Angle	F4DR-C		244377	
		N Male	F4PNMV2-HC		244379	
		N Female	F4PNF-C		244379	
	5/8"	Standard; LDF4.5-50	7-16 DIN Male		L4.5PDM-RC	CPT-L45RC
			N Male	L4.5PNM-RC	244379	
N Female			L4.5PNF-RC	244379		
7/8"	AVA5-50 or AVA5-50FX	4.3-10 Male	A5HM-D	MCPT-A5-D	TW-4310	
		4.3-10 Female	A5HF-D		TW-4310	
	AVA5-50 Only	7-16 DIN Male	A5DM-D		244377	
		7-16 DIN Female	A5DF-D		244377	
		N Male	A5NM-S		244379	
		N Female	A5NF-S		244379	
		7-16 DIN Male	AL5DM-PSA	CPT-78U	244377	
		7-16 DIN Female	AL5DF-PSA		244377	
		N Male	AL5NM-PSA		244379	
	N Female	AL5NF-PSA	244379			
	LDF5-50A <small>Note: this cable is obsolete</small>	7-16 DIN Female	78EZDF	A5FX-EZPT	244377	
		4.3-10 Male	L5HM-S	MCPT-L5-S	TW-4310	
			4.3-10 Female	L5HF-S	MCPT-L5-S	TW-4310



AL7DF-PSA
EXAMPLE
CONNECTOR





continued

50 Ohm Connectors *continued*






Cable Size	Cable Type	Connector Type	Connector Part Number	Cable Prep Tool Used	Coupling Nut Torque Tool Used
50 Ohm Connectors <i>continued</i>					
1-1/4"	Standard; AVA6-50	7-16 DIN Male	AL6DM-PSA	CPT-114U	244377
		7-16 DIN Female	AL6DF-PSA	CPT-114U	244377
		4.3-10 Female	A6HF-S	MCPT-114158-S	TW-4310
		4.3-10 Male	A6HM-S	MCPT-114158-S	TW-4310
		7-16 DIN Male	114EZDM	A6-EZPT	244377
		7-16 DIN Female	114EZDF	A6-EZPT	244377
		N type Male	114EZNM	A6-EZPT	244379
		N type Female	114EZNF	A6-EZPT	244379
1-5/8"	Standard AVA7-50 section	7-16 DIN Male	AL7DM-PSA	CPT-158U	244377
		7-16 DIN Female	AL7DF-PSA		244377
		N Male	AL7NM-PSA		244379
		N Female	AL7NF-PSA		244379
		4.3-10 Female	A7HF-S	MCPT-114158-S	TW-4310
		4.3-10 Male	A7HM-S	MCPT-114158-S	TW-4310
		7-16 DIN Male	158EZDM	A7-EZPT	244377
		7-16 DIN Female	158EZDF	A7-EZPT	244377
		N type Male	158EZNM	A7-EZPT	244379
		N type Female	158EZNF	A7-EZPT	244379






continued

50 Ohm Connectors *continued*


Cable Size	Cable Type	Image	Connector Type	Connector Part Number	Cable Prep Tool Used	Coupling Nut Torque Tool Used
50 Ohm Connectors <i>continued</i>						
1/4"	Superflexible; FSJ1-50A		4.3-10 Male	F1HM-D	NA	NA
			4.3-10 Male Right Angle	F1HR-D		
			4.3-10 Male Push-Pull	F1HMP-D		
	Standard; LDF1-50		7-16 DIN Male	F1TDM-C		
			7-16 DIN Female	F1TDF		
			4.3-10 Male	L1HM-D		
3/8"	Superflexible; FSJ2-50		4.3-10 Male	F2HM-D	NA	NA
			4.3-10 Male Right Angle	F2HR-D		
	Standard; LDF2-50		4.3-10 Male	L2HM-D		
			7-16 DIN Male	L2TDM-PL		
			7-16 DIN Female	L2TDF-PL		
			7-16 DIN Male, Right Angle	L2PDR-C		


HELIAX® Wireless Connector Video links


QR Code	Cable	Connector
	AL4RPV-50	Positive Stop™ Series Manual Prep Tool
	FSJ4-50B	F4 Series Version 2 Manual Prep Tool
	FXL-540	EZfit® Series Version Manual Prep Tool
	FXL-540	EZfit® Series Version 2 Manual Prep Tool
	RCT4	Positive Stop™ Series Manual Prep


QR Code	Cable	Connector
	AL4RPV-50	Positive Stop™ Series Automated Prep Tool
	FSJ4-50B	F4 Series Version 2 Automated Prep Tool
	FXL-540	EZfit® Series Version Automated Prep Tool
	FXL-540	EZfit® Series Version 2 Automated Prep Tool
	RCT5	Positive Stop™ Series Manual Prep


HELIAX® Wireless Connector Video links


QR Code	Cable	Connector
	RCT6	Positive Stop™ Series Manual Prep


	AVA5	EZfit® Series Manual and Automated Prep Tool
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	AVA7	Positive Stop™ Series Manual Prep Tool
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	AVA7	Positive Stop™ Series Manual Prep
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QR Code	Cable	Connector
	RCT7	Positive Stop™ Series Manual Prep

	FXL-780	EZfit® Series Manual and Automated Prep Tool
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	AVA7	Positive Stop™ Series Automated Prep Tool
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	4.3-10 SureGuard	4.3-10 Sureguard Installation
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