

Standard SMPTE Hybrid Fiber Cable

HF	Lemo Connector	to	Lemo Connector	Cable Type	Length* (feet)
	FUW (Straight Plug) FMW (Fixed Plug)		PUW (Free Socket) PBW (Fixed Socket)	7=7MM Diameter G=Gepco Outside M=Furukawa Outside R=Belden Riser S=Belden Indoor T=Tactical	0006 0100 0010 0250 0015 0500 0025 0750 0035 1500 0050 2000 0075

EXAMPLES:

HF-FUWPUW-R-0075
FUW connector to PUW connector,
Belden riser cable, 75 feet

HF-FMWPBW-M-0025
FMW connector to PBW connector,
Furukawa outside cable, 25 feet

* custom lengths available

opticalCON Snakes and Reels

HF	Reel or Snake	# of Channels	Fiber	Type	Length* (feet)
	Blank=Snake TR=Reel	2 4	M=Multimode S=Single Mode	Blank=Standard Tactical X=Extreme	0075 0500 0100 0750 0164 0656 0250 1000 0328

EXAMPLES:

HF-TROC2M-0750, reel, 2 channel
(opticalCON Duo), multimode, 750 feet

HF-OC2M-0500, snake, 2 channel
(opticalCON Duo), multimode, 500 feet

* custom lengths available

Tactical Snakes and Reels

Assembly Type	Reel or Snake	# of Channels	Connector	Fiber	Length* (feet)
HF=Premium CMX=Standard	TR=Reel TS=Snake	02 04 08 12	ST LC SC	Blank=Single Mode M1=Multimode OM1 M3=Multimode OM3	0250 1250 0500 1500 0750 1750 1000 2000

EXAMPLES:

HF-TR04STM3-1500 Tactical reel,
4-channel, ST connectors, multimode
OM3, 1500 feet

CMX-TS12LC-0250 Tactical snake, 12-
channel, LC connectors, Single Mode,
250 feet

* custom lengths available

OFNR Jumpers

Fiber	Channel	Micron	Connector	Connector	Length* (meter)
MM=Multimode SM=Single Mode MMX= Armored Multimode SMX=Armored Single Mode	S=Simplex D=Duplex	9=Single Mode 50=Multimode 50µ 62=Multimode 62.5µ M4=OM4 Multimode	ST LC SC	ST LC SC	001 030 002 050 003 075 004 100 005 200 010 300 015 450

EXAMPLES:

SMS9-LC-SC-005, Single Mode, simplex,
Single Mode, LC to SC connectors,
5 meter

MMD50-LC-LC-001, multimode, duplex,
multimode 50µ, LC to LC connectors, 1
meter

SMXD9-ST-ST-005, Armored Single
Mode, duplex, Single Mode, ST to ST
connectors, 5 meter

SMPTE Hybrid Fiber External Breakout

HF	Lemo Connector	Breakout Connector	Power Option	BO	Length* (feet)
	FUW	ST	Blank=No Power	Breakout	006
	PUW	LC	1=5-Pin AMP CPC		010
	FMW	SC	2=8-Pin AMP CPC		015
	PBW		3=6-Pin AMP Mate-N-Lok		025
			4=Blunt Lead		035
			5=5-Pin Reverse Gender (RG)		050
			6=8-Pin RG In-Line		075
			7=8-Pin RG Chassis		
			8=6-Pin RG Mate-N-Lok		

EXAMPLES:

HF-FUWST-BO-006 (without power)
Lemo FUW connector to ST breakout connector, no power, 6 feet

HF-FUWLC6-BO-025 (with power)
Lemo FUW connector to LC breakout connector, 8-Pin RG In-line power, 25 feet

* custom lengths available

SMPTE Hybrid Fiber Internal Breakout

HF	Lemo Connector	Power Option	Breakout Connector	Length* (inches)	IN
	FXWBI-no power	Blank = No power	ST	06	
	EDWBI-no power	1=5-Pin AMP CPC	LC	12	
	FXWBP-with power	2=8-Pin AMP CPC	SC	18	
	EDWBP-with power	3=6-Pin AMP Mate-N-Lok		24	
		4=Blunt Lead			
		5=5-Pin Reverse Gender (RG)			
		6=8-Pin RG In-Line			
		7=8-Pin RG Chassis			
		8=6-Pin RG Mate-N-Lok			

EXAMPLES:

HF-FXWBI-ST-06IN (without power)
FXWBI, no power, ST breakout connector, 6 inches

HF-EDWBP1LC-18IN (with power)
EDWBP, with power, 5-Pin AMP CPC, LC breakout connector, 18 inches

* custom lengths available

General Information

Cables

Indoor Use—OFNR, Riser-Rated
Outdoor Use—Tactical Fiber

Fiber Channels

Simplex (1)
Duplex (2)
Multi-Channel

Fiber Mode

Single Mode (yellow)
OM1 Multimode, 62.5µ (orange)
OM3 Multimode, 50µ (aqua)
OM4 Multimode, 50µ (aqua or violet)

More Configurations

Also available in many standard and custom lengths:

- HF-OC2FUV opticalCON DUO SMPTE 311 Single Mode Fiber Optic Cable
- HF-OC2FUW opticalCON DUO to Lemo FUW SMPTE 311SM Fiber Optic Cable (available opticalCON SMPTE and opticalCON to Lemo SMPTE)
- HF-OC2PUW opticalCON DUO to Lemo FUW SMPTE 311SM Fiber Optic Cable

LEMO 3K.93C CONNECTORS

EDW	Fixed Socket
FUW	Straight Plug
PUW	Free Socket
FMW	Fixed Plug
FXW	Fixed Plug
PBW	Fixed Socket

