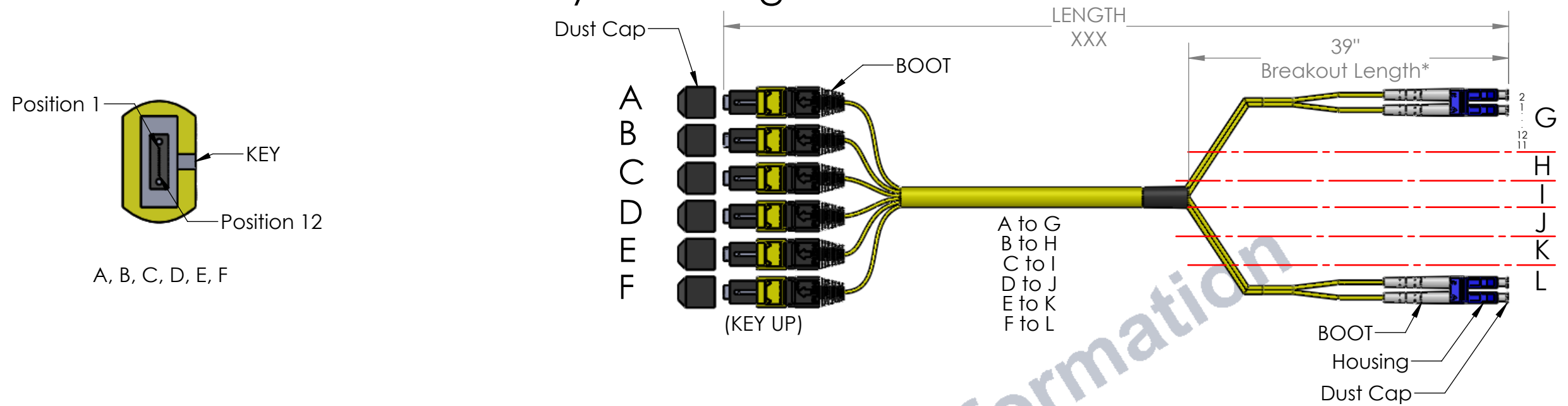


# Fiberdyne Configuration 158



\*-39" standard breakout length, custom lengths available  
-Custom Connectors also available

## Single Mode MPO Assemblies

Fiberdyne Part Number	Fiberdyne Configuration 158	Cable Type OS2	Fiber Count	MPO End Connectors	LC Connectors	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-158010-XXXM	SM Laser	OS2 Round	72	MPO 1x12	Duplex LC	NP-NP	<.75
FMT-158020-XXXM	SM Laser	OS2 Round	72	MPO 1x12	Duplex LC	NP-P	<.75
FMT-158030-XXXM	SM Laser	OS2 Round	72	MPO 1x12	Duplex LC	P-NP	<.75
FMT-158040-XXXM	SM Laser	OS2 Round	72	MPO 1x12	Duplex LC	P-P	<.75
FMT-158050-XXXM	SM Laser	OS2 Round	72	MPO 1x12	Duplex LC	NP-NP	<.35
FMT-158060-XXXM	SM Laser	OS2 Round	72	MPO 1x12	Duplex LC	NP-P	<.35
FMT-158070-XXXM	SM Laser	OS2 Round	72	MPO 1x12	Duplex LC	P-NP	<.35
FMT-158080-XXXM	SM Laser	OS2 Round	72	MPO 1x12	Duplex LC	P-P	<.35

\*Insertion Loss for Connector Only

## Fiberdyne Configuration 158

MPO-LC, Six 12 Pin 12 Fiber MPO to Six Groups of 12 LC, SM, Type C, 2mm Breakout					
Fiber Color	Lane Assignment Connector A	Pin # Connector A	Breakout G, LC, Pin Polarity	Lane Assignment Connector G	Fiber Color
Blue	TX1	1	2	RX1	Blue
Orange	RX1	2	1	TX1	Orange
Green	TX2	3	4	RX2	Green
Brown	RX2	4	3	TX2	Brown
Grey	TX3	5	6	RX3	Grey
White	RX3	6	5	TX3	White
Red	TX4	7	8	RX4	Red
Black	RX4	8	7	TX4	Black
Yellow	TX5	9	10	RX5	Yellow
Purple	RX5	10	9	TX5	Purple
Pink	TX6	11	12	RX6	Pink
Aqua	RX6	12	11	TX6	Aqua

\*Pin configuration shown also applies to MPO B to group H of 12 LCs, MPO C to group I of 12 LCs, MPO D to group J of 12 LCs, MPO E to group K of 12 LCs & MPO F to group L of 12 LCs

# RoHS

Fiberdyne Labs Inc. Frankfort, NY  
www.fiberdyne.com

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FIBERDYNE LABS INC.		
TITLE: Fiberdyne Configuration 158		
MPO-LC, Six 12 Pin 12 Fiber MPO to Six Groups of 12 LC, SM		
Type C		
SIZE B	DWG. NO. 075-11883-001	REV A
SCALE: 1:1	ECR: 14006-001	SHEET 1 OF 1