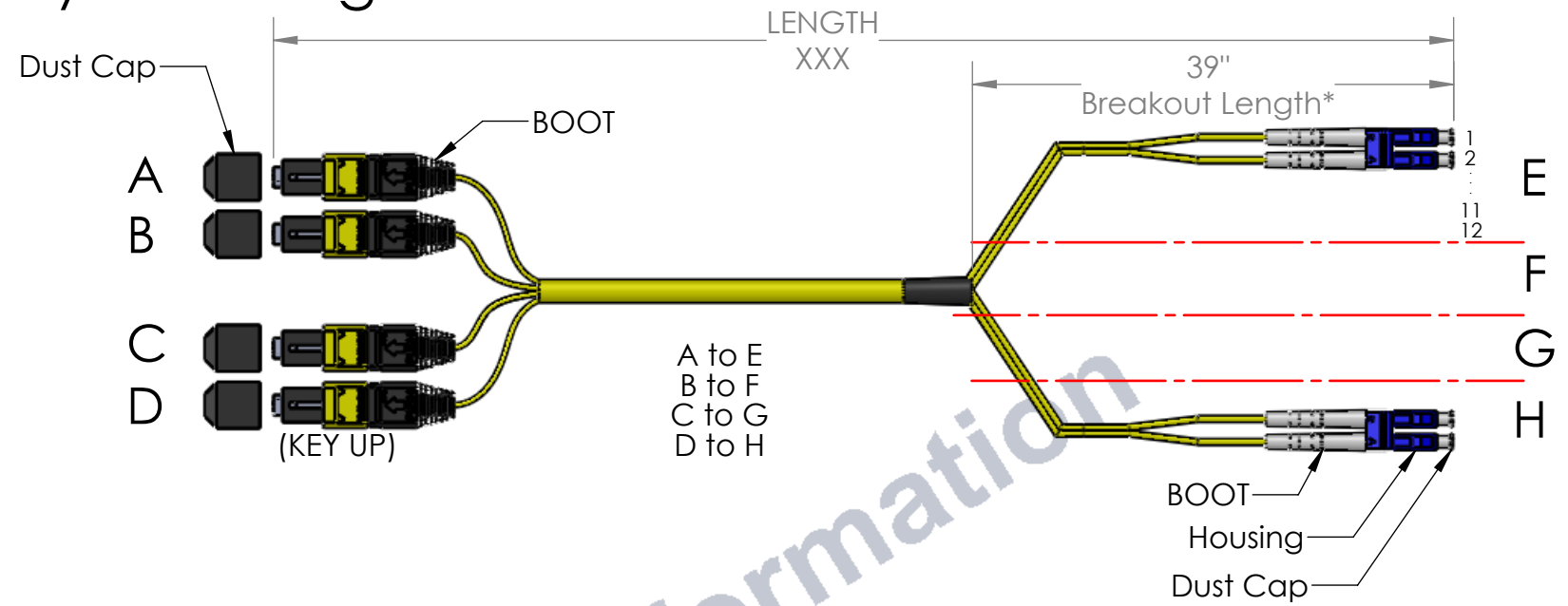
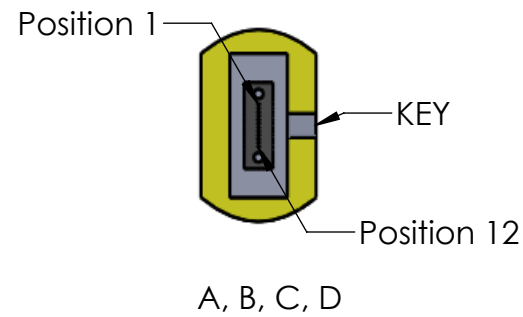


Fiberdyne Configuration 141



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

Single Mode MPO Assemblies

Fiberdyne Part Number	Fiberdyne Configuration 141	Cable Type OS2	Fiber Count	MPO End Connector	LC Connectors	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-141010-XXXM	SM Laser	OS2 Round	48	MPO 1x12	Duplex LC	NP-NP	<.75
FMT-141020-XXXM	SM Laser	OS2 Round	48	MPO 1x12	Duplex LC	NP-P	<.75
FMT-141030-XXXM	SM Laser	OS2 Round	48	MPO 1x12	Duplex LC	P-NP	<.75
FMT-141040-XXXM	SM Laser	OS2 Round	48	MPO 1x12	Duplex LC	P-P	<.75
FMT-141050-XXXM	SM Laser	OS2 Round	48	MPO 1x12	Duplex LC	NP-NP	<.35
FMT-141060-XXXM	SM Laser	OS2 Round	48	MPO 1x12	Duplex LC	NP-P	<.35
FMT-141070-XXXM	SM Laser	OS2 Round	48	MPO 1x12	Duplex LC	P-NP	<.35
FMT-141080-XXXM	SM Laser	OS2 Round	48	MPO 1x12	Duplex LC	P-P	<.35

*Insertion Loss for Connector Only

Fiberdyne Configuration 141

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

*Pin configuration shown also applies to MPO B to group F of 12 LCs, MPO C to group G of 12 LCs & MPO D to group H of 12 LCs

RoHS

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

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FIBERDYNE LABS INC.		
TITLE: Fiberdyne Configuration 141		
MPO-LC, Four 12 Pin 12 Fiber MPO to Four Groups of 12 LC, SM		
Type A		
SIZE B	DWG. NO. 075-11866-001	REV A
SCALE: 1:1	ECR: 14006-001	SHEET 1 OF 1