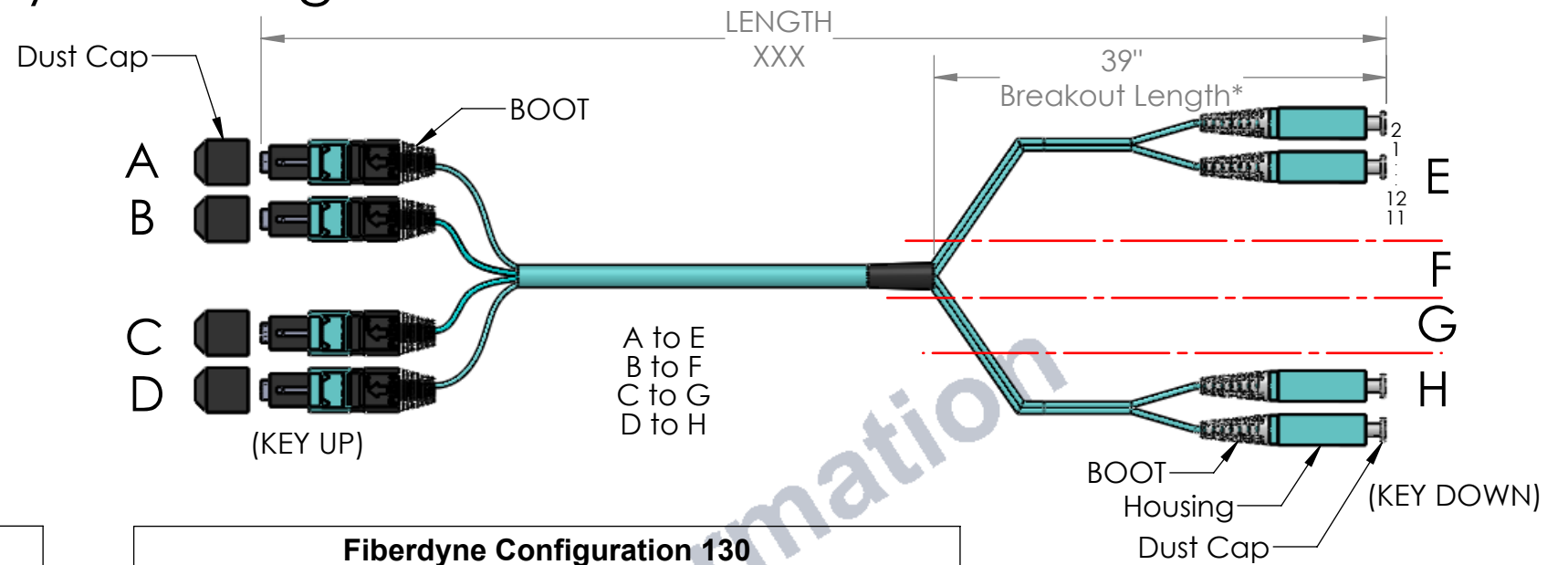
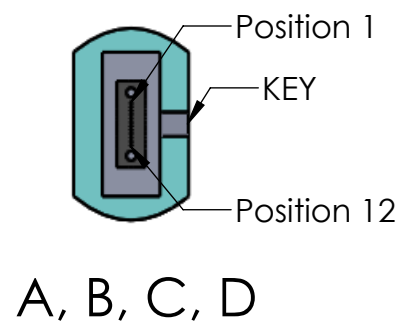


# Fiberdyne Configuration 130



## 10Gb MPO Assemblies

Fiberdyne Part Number	Fiberdyne Configuration 130	Cable Type 50/125 OM3 (Max 100m)	Fiber Count	MPO End Connector	SC Connectors	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-130010-XXXM	10GBASE-SR	3mm Round Plenum OM3	48	MPO 1x12	SC	NP-NP	<.75
FMT-130020-XXXM	10GBASE-SR	3mm Round Plenum OM3	48	MPO 1x12	SC	NP-P	<.75
FMT-130030-XXXM	10GBASE-SR	3mm Round Plenum OM3	48	MPO 1x12	SC	P-NP	<.75
FMT-130040-XXXM	10GBASE-SR	3mm Round Plenum OM3	48	MPO 1x12	SC	P-P	<.75
FMT-130050-XXXM	10GBASE-SR	3mm Round Plenum OM3	48	MPO 1x12	SC	NP-NP	<.35
FMT-130060-XXXM	10GBASE-SR	3mm Round Plenum OM3	48	MPO 1x12	SC	NP-P	<.35
FMT-130070-XXXM	10GBASE-SR	3mm Round Plenum OM3	48	MPO 1x12	SC	P-NP	<.35
FMT-130080-XXXM	10GBASE-SR	3mm Round Plenum OM3	48	MPO 1x12	SC	P-P	<.35
Fiberdyne Part Number	Fiberdyne Configuration 130	Cable Type 50/125 OM4 (Max 150m)	Fiber Count	MPO End Connector	SC Connectors	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-130110-XXXM	10GBASE-SR	3mm Round Plenum OM4	48	MPO 1x12	SC	NP-NP	<.75
FMT-130120-XXXM	10GBASE-SR	3mm Round Plenum OM4	48	MPO 1x12	SC	NP-P	<.75
FMT-130130-XXXM	10GBASE-SR	3mm Round Plenum OM4	48	MPO 1x12	SC	P-NP	<.75
FMT-130140-XXXM	10GBASE-SR	3mm Round Plenum OM4	48	MPO 1x12	SC	P-P	<.75
FMT-130150-XXXM	10GBASE-SR	3mm Round Plenum OM4	48	MPO 1x12	SC	NP-NP	<.35
FMT-130160-XXXM	10GBASE-SR	3mm Round Plenum OM4	48	MPO 1x12	SC	NP-P	<.35
FMT-130170-XXXM	10GBASE-SR	3mm Round Plenum OM4	48	MPO 1x12	SC	P-NP	<.35
FMT-130180-XXXM	10GBASE-SR	3mm Round Plenum OM4	48	MPO 1x12	SC	P-P	<.35

\*Insertion Loss for Connector Only

## Fiberdyne Configuration 130

MPO-SC, Four 12 Pin 12 Fiber MPO to Four Groups of 12 SC, 10G, Type C, 2mm Breakout					
Fiber Color	Lane Assignment Connector A	Pin # Connector A	Breakout E, SC, Pin Polarity	Lane Assignment Connector E	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 F of 12 SCs, MPO C to group G of 12 SCs & MPO D to group H of 12 SCs

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

# RoHS

FIBERDYNE LABS INC.

TITLE: Fiberdyne Configuration 130  
MPO-SC, Four 12 Pin 12 Fiber MPO to Four Groups of 12 SC, 10G  
Type C

SIZE <b>B</b>	DWG. NO. 075-11855-001	REV A
------------------	---------------------------	----------

SCALE: 1:1 ECR: 14006-001 SHEET 1 OF 1

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

PROPRIETARY AND CONFIDENTIAL  
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF Fiberdyne Labs Inc. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF Fiberdyne Labs Inc IS PROHIBITED.