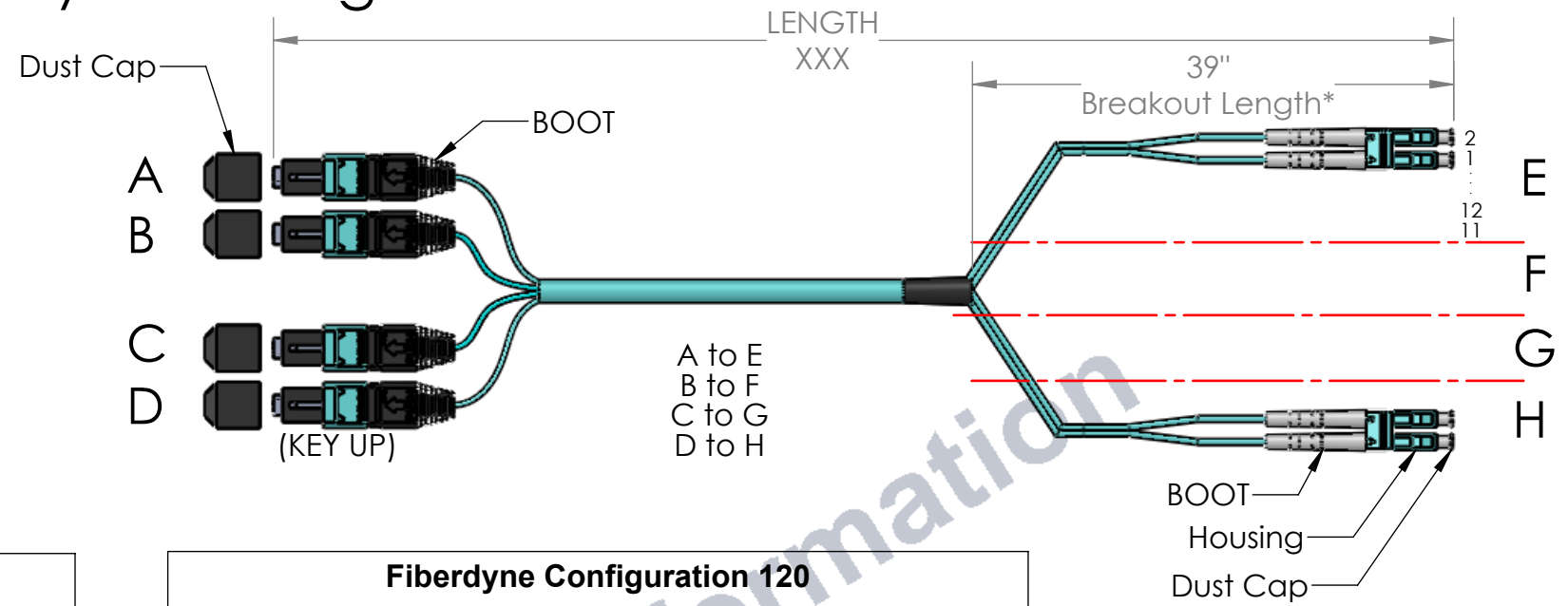
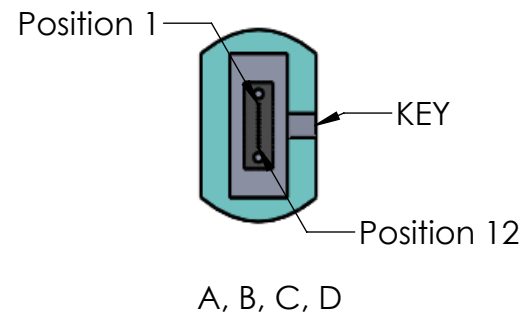


Fiberdyne Configuration 120



10Gb MPO Assemblies

Fiberdyne Part Number	Fiberdyne Configuration 120	Cable Type 50/125 OM3 (Max 100m)	Fiber Count	MPO End Connector	LC Connectors	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-120010-XXXM	10GBASE-SR	3mm Round Plenum OM3	48	MPO 1x12	Duplex LC	NP-NP	<.75
FMT-120020-XXXM	10GBASE-SR	3mm Round Plenum OM3	48	MPO 1x12	Duplex LC	NP-P	<.75
FMT-120030-XXXM	10GBASE-SR	3mm Round Plenum OM3	48	MPO 1x12	Duplex LC	P-NP	<.75
FMT-120040-XXXM	10GBASE-SR	3mm Round Plenum OM3	48	MPO 1x12	Duplex LC	P-P	<.75
FMT-120050-XXXM	10GBASE-SR	3mm Round Plenum OM3	48	MPO 1x12	Duplex LC	NP-NP	<.35
FMT-120060-XXXM	10GBASE-SR	3mm Round Plenum OM3	48	MPO 1x12	Duplex LC	NP-P	<.35
FMT-120070-XXXM	10GBASE-SR	3mm Round Plenum OM3	48	MPO 1x12	Duplex LC	P-NP	<.35
FMT-120080-XXXM	10GBASE-SR	3mm Round Plenum OM3	48	MPO 1x12	Duplex LC	P-P	<.35
Fiberdyne Part Number	Fiberdyne Configuration 120	Cable Type 50/125 OM4 (Max 150m)	Fiber Count	MPO End Connector	LC Connectors	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-120110-XXXM	10GBASE-SR	3mm Round Plenum OM4	48	MPO 1x12	Duplex LC	NP-NP	<.75
FMT-120120-XXXM	10GBASE-SR	3mm Round Plenum OM4	48	MPO 1x12	Duplex LC	NP-P	<.75
FMT-120130-XXXM	10GBASE-SR	3mm Round Plenum OM4	48	MPO 1x12	Duplex LC	P-NP	<.75
FMT-120140-XXXM	10GBASE-SR	3mm Round Plenum OM4	48	MPO 1x12	Duplex LC	P-P	<.75
FMT-120150-XXXM	10GBASE-SR	3mm Round Plenum OM4	48	MPO 1x12	Duplex LC	NP-NP	<.35
FMT-120160-XXXM	10GBASE-SR	3mm Round Plenum OM4	48	MPO 1x12	Duplex LC	NP-P	<.35
FMT-120170-XXXM	10GBASE-SR	3mm Round Plenum OM4	48	MPO 1x12	Duplex LC	P-NP	<.35
FMT-120180-XXXM	10GBASE-SR	3mm Round Plenum OM4	48	MPO 1x12	Duplex LC	P-P	<.35

*Insertion Loss for Connector Only

Fiberdyne Configuration 120

MPO-LC, Four 12 Pin 12 Fiber MPO to Four Groups of 12 LC, 10G, Type C, 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	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 LCs, MPO C to group G of 12 LCs & MPO D to group H of 12 LCs

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

RoHS

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

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FIBERDYNE LABS INC.		
TITLE: Fiberdyne Configuration 120		
MPO-LC, Four 12 Pin 12 Fiber MPO to Four Groups of 12 LC, 10G		
Type C		
SIZE B	DWG. NO. 075-11845-001	REV A
SCALE: 1:1	ECR: 14006-001	SHEET 1 OF 1