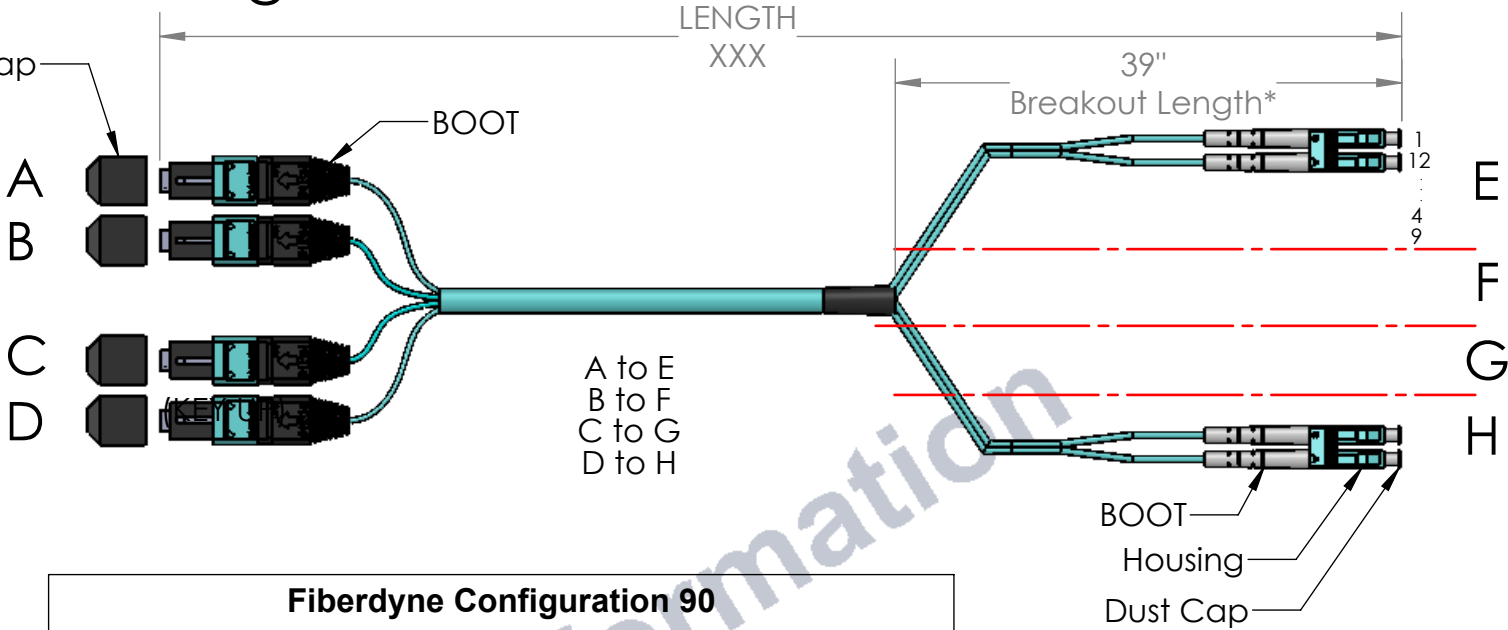
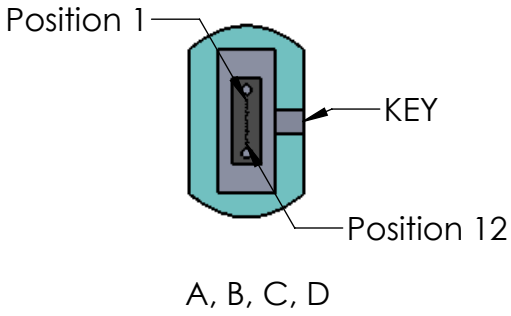


Fiberdyne Configuration 90



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

40Gb MPO Assemblies

Fiberdyne Part Number	Fiberdyne Configuration 90	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-090010-XXXM	40GBASE-SR4	3mm Round Plenum OM3	48	MPO 1x12	Duplex LC	NP-NP	<.75
FMT-090020-XXXM	40GBASE-SR4	3mm Round Plenum OM3	48	MPO 1x12	Duplex LC	NP-P	<.75
FMT-090030-XXXM	40GBASE-SR4	3mm Round Plenum OM3	48	MPO 1x12	Duplex LC	P-NP	<.75
FMT-090040-XXXM	40GBASE-SR4	3mm Round Plenum OM3	48	MPO 1x12	Duplex LC	P-P	<.75
FMT-090050-XXXM	40GBASE-SR4	3mm Round Plenum OM3	48	MPO 1x12	Duplex LC	NP-NP	<.35
FMT-090060-XXXM	40GBASE-SR4	3mm Round Plenum OM3	48	MPO 1x12	Duplex LC	NP-P	<.35
FMT-090070-XXXM	40GBASE-SR4	3mm Round Plenum OM3	48	MPO 1x12	Duplex LC	P-NP	<.35
FMT-090080-XXXM	40GBASE-SR4	3mm Round Plenum OM3	48	MPO 1x12	Duplex LC	P-P	<.35
Fiberdyne Part Number	Fiberdyne Configuration 90	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-090110-XXXM	40GBASE-SR4	3mm Round Plenum OM4	48	MPO 1x12	Duplex LC	NP-NP	<.75
FMT-090120-XXXM	40GBASE-SR4	3mm Round Plenum OM4	48	MPO 1x12	Duplex LC	NP-P	<.75
FMT-090130-XXXM	40GBASE-SR4	3mm Round Plenum OM4	48	MPO 1x12	Duplex LC	P-NP	<.75
FMT-090140-XXXM	40GBASE-SR4	3mm Round Plenum OM4	48	MPO 1x12	Duplex LC	P-P	<.75
FMT-090150-XXXM	40GBASE-SR4	3mm Round Plenum OM4	48	MPO 1x12	Duplex LC	NP-NP	<.35
FMT-090160-XXXM	40GBASE-SR4	3mm Round Plenum OM4	48	MPO 1x12	Duplex LC	NP-P	<.35
FMT-090170-XXXM	40GBASE-SR4	3mm Round Plenum OM4	48	MPO 1x12	Duplex LC	P-NP	<.35
FMT-090180-XXXM	40GBASE-SR4	3mm Round Plenum OM4	48	MPO 1x12	Duplex LC	P-P	<.35

*Insertion Loss for Connector Only

Fiberdyne Configuration 90

MPO-LC, Four 12 Pin 8 Fiber MPO to Four Groups of 8 LC, 40G, Method A, 2mm Breakout					
Fiber Color Connector	Lane Assignment Connector A	Pin # Connector A	Breakout E, LC, Pin Polarity	Lane Assignment Connector E	Fiber Color Connector
Blue	TX1	1	1	RX1	Blue
Orange	TX2	2	2	RX2	Orange
Green	TX3	3	3	RX3	Green
Brown	TX4	4	4	RX4	Brown
Grey	Not Used	5	5	Not Used	Grey
White	Not Used	6	6	Not Used	White
Red	Not Used	7	7	Not Used	Red
Black	Not Used	8	8	Not Used	Black
Yellow	RX4	9	9	TX4	Yellow
Purple	RX3	10	10	TX3	Purple
Pink	RX2	11	11	TX2	Pink
Aqua	RX1	12	12	TX1	Aqua

*Pin configuration shown also applies to MPO B to group F of 8 LCs, MPO C to group G of 8 LCs & MPO D to group H of 8 LCs

RoHS

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

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FIBERDYNE LABS INC.

TITLE: Fiberdyne Configuration 90
MPO-LC, Four 12 Pin 8 Fiber MPO to Four Groups of 8 LC, 40G
Method A

SIZE B	DWG. NO. 075-11815-001	REV A
SCALE: 1:1	ECR: 14006-001	SHEET 1 OF 1