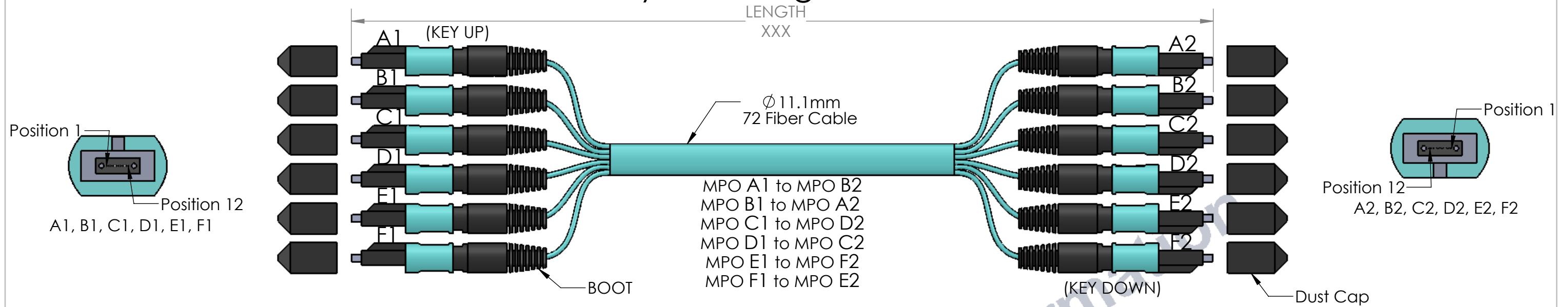


Fiberdyne Configuration 50



40Gb MPO Assemblies

Fiberdyne Part Number	Fiberdyne Configuration 50	Cable Type 50/125 OM3 (Max 100m)	Fiber Count	End A,B,C,D,E & F Connectors	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-050010-XXXM	40GBASE-SR4	3mm Round Plenum OM3	72	MPO 1x12	NP-NP	<.75
FMT-050020-XXXM	40GBASE-SR4	3mm Round Plenum OM3	72	MPO 1x12	NP-P	<.75
FMT-050030-XXXM	40GBASE-SR4	3mm Round Plenum OM3	72	MPO 1x12	P-NP	<.75
FMT-050040-XXXM	40GBASE-SR4	3mm Round Plenum OM3	72	MPO 1x12	P-P	<.75
FMT-050050-XXXM	40GBASE-SR4	3mm Round Plenum OM3	72	MPO 1x12	NP-NP	<.35
FMT-050060-XXXM	40GBASE-SR4	3mm Round Plenum OM3	72	MPO 1x12	NP-P	<.35
FMT-050070-XXXM	40GBASE-SR4	3mm Round Plenum OM3	72	MPO 1x12	P-NP	<.35
FMT-050080-XXXM	40GBASE-SR4	3mm Round Plenum OM3	72	MPO 1x12	P-P	<.35
Fiberdyne Part Number	Fiberdyne Configuration 50	Cable Type 50/125 OM4 (Max 150m)	Fiber Count	End A,B,C & D Connectors	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-050110-XXXM	40GBASE-SR4	3mm Round Plenum OM4	72	MPO 1x12	NP-NP	<.75
FMT-050120-XXXM	40GBASE-SR4	3mm Round Plenum OM4	72	MPO 1x12	NP-P	<.75
FMT-050130-XXXM	40GBASE-SR4	3mm Round Plenum OM4	72	MPO 1x12	P-NP	<.75
FMT-050140-XXXM	40GBASE-SR4	3mm Round Plenum OM4	72	MPO 1x12	P-P	<.75
FMT-050150-XXXM	40GBASE-SR4	3mm Round Plenum OM4	72	MPO 1x12	NP-NP	<.35
FMT-050160-XXXM	40GBASE-SR4	3mm Round Plenum OM4	72	MPO 1x12	NP-P	<.35
FMT-050170-XXXM	40GBASE-SR4	3mm Round Plenum OM4	72	MPO 1x12	P-NP	<.35
FMT-050180-XXXM	40GBASE-SR4	3mm Round Plenum OM4	72	MPO 1x12	P-P	<.35

*Insertion Loss for Connector Only

Fiberdyne Configuration 50

MPO-MPO, 40G, Trunk, Six 12 Pin 8 Fiber MPOs to Six 12 Pin 8 Fiber MPOs, Method A

Fiber Color	Lane Assignment Connector A1	Position # Connector A1 Left Side	Position # Connector B2 Right Side	Lane Assignment Connector B2	Fiber Color
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
Fiber Color	Lane Assignment Connector B1	Position # Connector B1 Right Side	Position # Connector A2 Left Side	Lane Assignment Connector A2	Fiber Color
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 show also applies for MPO C1 to MPO D2, MPO D1 to MPO C2, MPO E1 to MPO F2, & MPO F1 to MPO E2

RoHS

FIBERDYNE LABS INC.

TITLE: Fiberdyne Configuration 50

MPO-MPO, 40G, Trunk, Six 12 Pin 8 Fiber to Six 12 Pin 8 Fiber

Method A

SIZE B	DWG. NO. 075-11775-001	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.