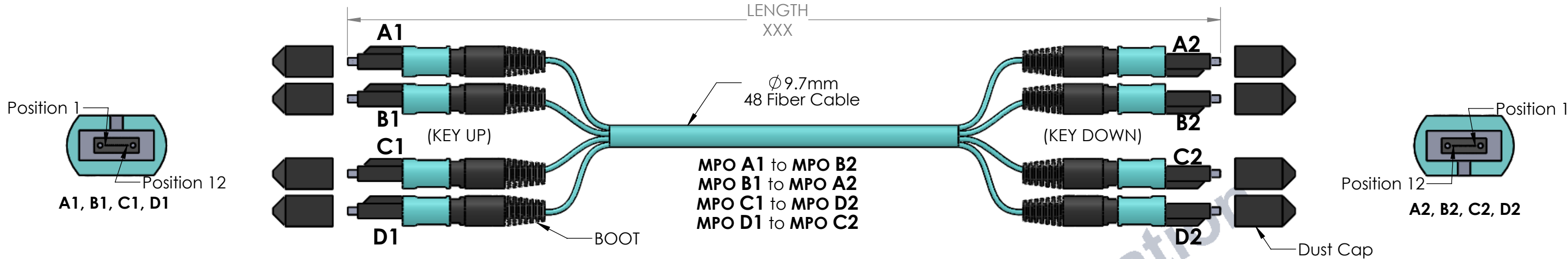


Fiberdyne Configuration 48



MPO Assemblies

Fiberdyne Part Number	Cable Type 50/125 OM3 (Max 100m)	Fiber Count	End A,B,C & D Connectors	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-048010-XXXM	3mm Round Plenum OM3	48	MPO 1x12	NP-NP	<.75
FMT-048020-XXXM	3mm Round Plenum OM3	48	MPO 1x12	NP-P	<.75
FMT-048030-XXXM	3mm Round Plenum OM3	48	MPO 1x12	P-NP	<.75
FMT-048040-XXXM	3mm Round Plenum OM3	48	MPO 1x12	P-P	<.75
FMT-048050-XXXM	3mm Round Plenum OM3	48	MPO 1x12	NP-NP	<.35
FMT-048060-XXXM	3mm Round Plenum OM3	48	MPO 1x12	NP-P	<.35
FMT-048070-XXXM	3mm Round Plenum OM3	48	MPO 1x12	P-NP	<.35
FMT-048080-XXXM	3mm Round Plenum OM3	48	MPO 1x12	P-P	<.35
Fiberdyne Part Number	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-048110-XXXM	3mm Round Plenum OM4	48	MPO 1x12	NP-NP	<.75
FMT-048120-XXXM	3mm Round Plenum OM4	48	MPO 1x12	NP-P	<.75
FMT-048130-XXXM	3mm Round Plenum OM4	48	MPO 1x12	P-NP	<.75
FMT-048140-XXXM	3mm Round Plenum OM4	48	MPO 1x12	P-P	<.75
FMT-048150-XXXM	3mm Round Plenum OM4	48	MPO 1x12	NP-NP	<.35
FMT-048160-XXXM	3mm Round Plenum OM4	48	MPO 1x12	NP-P	<.35
FMT-048170-XXXM	3mm Round Plenum OM4	48	MPO 1x12	P-NP	<.35
FMT-048180-XXXM	3mm Round Plenum OM4	48	MPO 1x12	P-P	<.35

*Insertion Loss for Connector Only

Fiberdyne Configuration 48

MPO-MPO, MM,Trunk, Four 12 Pin 12 Fiber to Four 12 Pin 12 Fiber, Method A

Fiber Color	Position # Connector A1 Left Side	Position # Connector B2 Right Side	Fiber Color
Blue	1	1	Blue
Orange	2	2	Orange
Green	3	3	Green
Brown	4	4	Brown
Grey	5	5	Grey
White	6	6	White
Red	7	7	Red
Black	8	8	Black
Yellow	9	9	Yellow
Purple	10	10	Purple
Pink	11	11	Pink
Aqua	12	12	Aqua
Fiber Color	Position # Connector B1 Left Side	Position # Connector A2 Right Side	Fiber Color
Blue	1	1	Blue
Orange	2	2	Orange
Green	3	3	Green
Brown	4	4	Brown
Grey	5	5	Grey
White	6	6	White
Red	7	7	Red
Black	8	8	Black
Yellow	9	9	Yellow
Purple	10	10	Purple
Pink	11	11	Pink
Aqua	12	12	Aqua

*Pin configuration shown also applies for MPO C1 to MPO D2 & MPO D1 to MPO C2

Fiberdyne Labs Inc. Frankfort, NY
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RoHS

FIBERDYNE LABS INC.

TITLE: Fiberdyne Configuration 48
MPO-MPO, MM, Trunk, Four 12 Pin 12 Fiber to Four 12 Pin 12 Fiber
Method A

SIZE DWG. NO. REV
B 075_11773_001 B

SCALE: 1:1 SHEET 1 OF 1

A4	B	ECN 18085-001	3/28/2018	FMO
	A	ECN 14006-001	01/06/2014	CFO
ZONE	REV.	DESCRIPTION	DATE	APPROVED
REVISIONS				