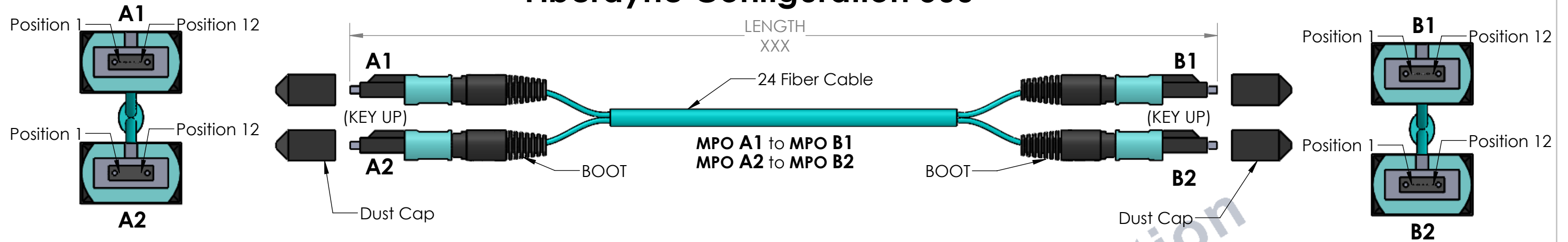


# Fiberdyne Configuration 500



## MPO Assemblies

Fiberdyne Part Number	Cable Type 50/125 OM3 (Max 100m)	Fiber Count	Connectors	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-500010-XXXM	Round Plenum OM3	24	MPO 1x12	NP-NP	<.75
FMT-500020-XXXM	Round Plenum OM3	24	MPO 1x12	NP-P	<.75
FMT-500030-XXXM	Round Plenum OM3	24	MPO 1x12	P-NP	<.75
FMT-500040-XXXM	Round Plenum OM3	24	MPO 1x12	P-P	<.75
FMT-500050-XXXM	Round Plenum OM3	24	MPO 1x12	NP-NP	<.35
FMT-500060-XXXM	Round Plenum OM3	24	MPO 1x12	NP-P	<.35
FMT-500070-XXXM	Round Plenum OM3	24	MPO 1x12	P-NP	<.35
FMT-500080-XXXM	Round Plenum OM3	24	MPO 1x12	P-P	<.35
Fiberdyne Part Number	Cable Type 50/125 OM4 (Max 150m)	Fiber Count	Connectors	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-500110-XXXM	Round Plenum OM4	24	MPO 1x12	NP-NP	<.75
FMT-500120-XXXM	Round Plenum OM4	24	MPO 1x12	NP-P	<.75
FMT-500130-XXXM	Round Plenum OM4	24	MPO 1x12	P-NP	<.75
FMT-500140-XXXM	Round Plenum OM4	24	MPO 1x12	P-P	<.75
FMT-500150-XXXM	Round Plenum OM4	24	MPO 1x12	NP-NP	<.35
FMT-500160-XXXM	Round Plenum OM4	24	MPO 1x12	NP-P	<.35
FMT-500170-XXXM	Round Plenum OM4	24	MPO 1x12	P-NP	<.35
FMT-500180-XXXM	Round Plenum OM4	24	MPO 1x12	P-P	<.35

\*Insertion Loss for Connector Only

## Fiberdyne Configuration 500

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

# RoHS

FIBERDYNE LABS INC.

TITLE:  
Fiberdyne Configuration 500  
MPO-MPO, Trunk,  
Two 12 Position 12 Fiber to  
Two 12 Position 12 Fiber, Type B

SIZE DWG. NO. REV  
**B** 900\_12389\_001 **A**

SCALE: 1:1 SHEET 1 OF 1

ZONE	REV.	DESCRIPTION	DATE	APPROVED
A		ECN 24135-002	5/14/2024	JAS
REVISIONS				

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

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