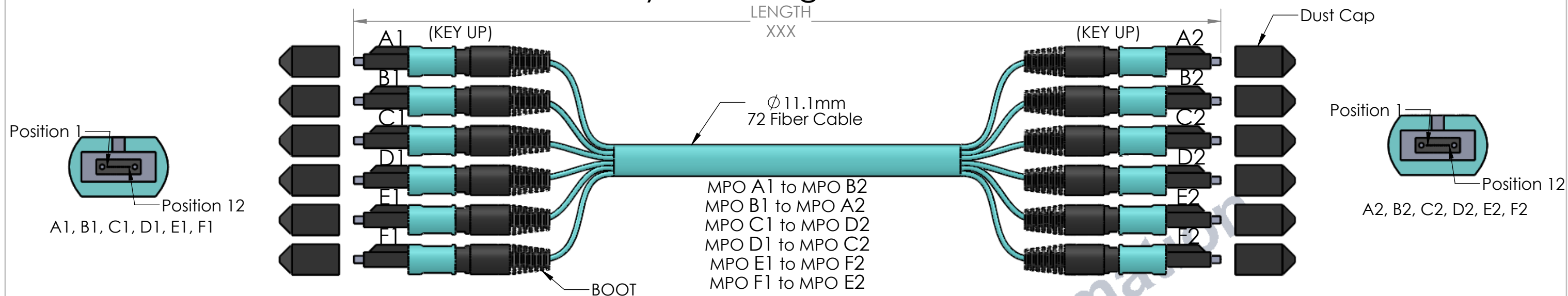


# Fiberdyne Configuration 45



## 100Gb MPO Assemblies

Fiberdyne Part Number	Fiberdyne Configuration 45	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-045010-XXXM	100GBASE-SR10	3mm Round Plenum OM3	72	MPO 1x12	NP-NP	<.75
FMT-045020-XXXM	100GBASE-SR10	3mm Round Plenum OM3	72	MPO 1x12	NP-P	<.75
FMT-045030-XXXM	100GBASE-SR10	3mm Round Plenum OM3	72	MPO 1x12	P-NP	<.75
FMT-045040-XXXM	100GBASE-SR10	3mm Round Plenum OM3	72	MPO 1x12	P-P	<.75
FMT-045050-XXXM	100GBASE-SR10	3mm Round Plenum OM3	72	MPO 1x12	NP-NP	<.35
FMT-045060-XXXM	100GBASE-SR10	3mm Round Plenum OM3	72	MPO 1x12	NP-P	<.35
FMT-045070-XXXM	100GBASE-SR10	3mm Round Plenum OM3	72	MPO 1x12	P-NP	<.35
FMT-045080-XXXM	100GBASE-SR10	3mm Round Plenum OM3	72	MPO 1x12	P-P	<.35
Fiberdyne Part Number	Fiberdyne Configuration 45	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-045110-XXXM	100GBASE-SR10	3mm Round Plenum OM4	72	MPO 1x12	NP-NP	<.75
FMT-045120-XXXM	100GBASE-SR10	3mm Round Plenum OM4	72	MPO 1x12	NP-P	<.75
FMT-045130-XXXM	100GBASE-SR10	3mm Round Plenum OM4	72	MPO 1x12	P-NP	<.75
FMT-045140-XXXM	100GBASE-SR10	3mm Round Plenum OM4	72	MPO 1x12	P-P	<.75
FMT-045150-XXXM	100GBASE-SR10	3mm Round Plenum OM4	72	MPO 1x12	NP-NP	<.35
FMT-045160-XXXM	100GBASE-SR10	3mm Round Plenum OM4	72	MPO 1x12	NP-P	<.35
FMT-045170-XXXM	100GBASE-SR10	3mm Round Plenum OM4	72	MPO 1x12	P-NP	<.35
FMT-045180-XXXM	100GBASE-SR10	3mm Round Plenum OM4	72	MPO 1x12	P-P	<.35

\*Insertion Loss for Connector Only

## Fiberdyne Configuration 45

MPO-MPO, 100G,Trunk, Six 12 Pin 10 Fiber MPO to Six 12 Pin 10 Fiber MPO, Option C					
Fiber Color	Lane Assignment Connector A1	Position # Connector A1 Left Side	Position # Connector B2 Right Side	Lane Assignment Connector B2	Fiber Color
Blue	Unused	1	12	Unused	Blue
Orange	RX0	2	11	TX0	Orange
Green	RX1	3	10	TX1	Green
Brown	RX2	4	9	TX2	Brown
Grey	RX3	5	8	TX3	Grey
White	RX4	6	7	TX4	White
Red	RX5	7	6	TX5	Red
Black	RX6	8	5	TX6	Black
Yellow	RX7	9	4	TX7	Yellow
Purple	RX8	10	3	TX8	Purple
Pink	RX9	11	2	TX9	Pink
Aqua	Unused	12	1	Unused	Aqua
Fiber Color	Lane Assignment Connector B1	Position # Connector B1 Right Side	Position # Connector A2 Left Side	Lane Assignment Connector A2	Fiber Color
Blue	Unused	1	12	Unused	Blue
Orange	TX0	2	11	RX0	Orange
Green	TX1	3	10	RX1	Green
Brown	TX2	4	9	RX2	Brown
Grey	TX3	5	8	RX3	Grey
White	TX4	6	7	RX4	White
Red	TX5	7	6	RX5	Red
Black	TX6	8	5	RX6	Black
Yellow	TX7	9	4	RX7	Yellow
Purple	TX8	10	3	RX8	Purple
Pink	TX9	11	2	RX9	Pink
Aqua	Unused	12	1	Unused	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. Frankfort, NY  
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FIBERDYNE LABS INC.		
TITLE: Fiberdyne Configuration 45 MPO-MPO, 6x12 position, 100G Option C		
SIZE <b>B</b>	DWG. NO. 075-11768-001	REV A
SCALE: 1:1	ECR: 14006-001	SHEET 1 OF 1