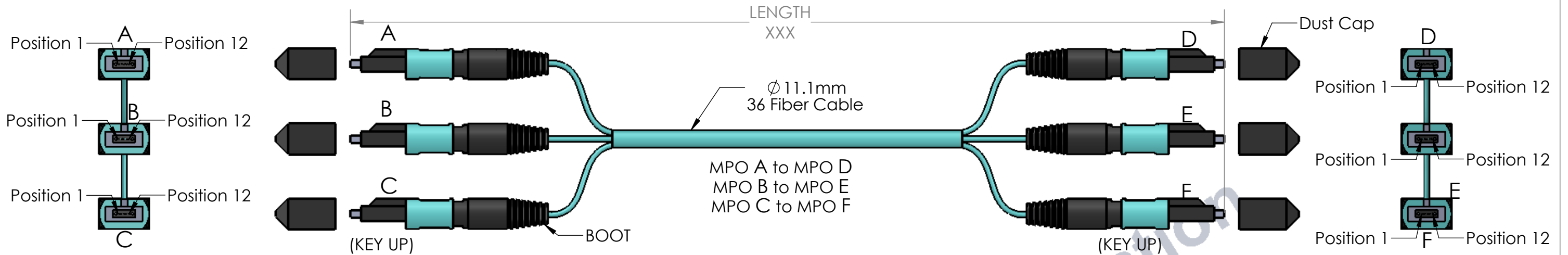


# Fiberdyne Configuration 52



## 40Gb MPO Assemblies

Fiberdyne Part Number	Fiberdyne Configuration 52	Cable Type 50/125 OM3 (Max 100m)	Fiber Count	End A, B, C, D, E & F Connector	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-052010-XXXM	40GBASE-SR4	3mm Round Plenum OM3	36	MPO 1x12	NP-NP	<.75
FMT-052020-XXXM	40GBASE-SR4	3mm Round Plenum OM3	36	MPO 1x12	NP-P	<.75
FMT-052030-XXXM	40GBASE-SR4	3mm Round Plenum OM3	36	MPO 1x12	P-NP	<.75
FMT-052040-XXXM	40GBASE-SR4	3mm Round Plenum OM3	36	MPO 1x12	P-P	<.75
FMT-052050-XXXM	40GBASE-SR4	3mm Round Plenum OM3	36	MPO 1x12	NP-NP	<.35
FMT-052060-XXXM	40GBASE-SR4	3mm Round Plenum OM3	36	MPO 1x12	NP-P	<.35
FMT-052070-XXXM	40GBASE-SR4	3mm Round Plenum OM3	36	MPO 1x12	P-NP	<.35
FMT-052080-XXXM	40GBASE-SR4	3mm Round Plenum OM3	36	MPO 1x12	P-P	<.35
Fiberdyne Part Number	Fiberdyne Configuration 52	Cable Type 50/125 OM4 (Max 150m)	Fiber Count	End A, B, C, D, E & F Connector	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-052110-XXXM	40GBASE-SR4	3mm Round Plenum OM4	36	MPO 1x12	NP-NP	<.75
FMT-052120-XXXM	40GBASE-SR4	3mm Round Plenum OM4	36	MPO 1x12	NP-P	<.75
FMT-052130-XXXM	40GBASE-SR4	3mm Round Plenum OM4	36	MPO 1x12	P-NP	<.75
FMT-052140-XXXM	40GBASE-SR4	3mm Round Plenum OM4	36	MPO 1x12	P-P	<.75
FMT-052150-XXXM	40GBASE-SR4	3mm Round Plenum OM4	36	MPO 1x12	NP-NP	<.35
FMT-052160-XXXM	40GBASE-SR4	3mm Round Plenum OM4	36	MPO 1x12	NP-P	<.35
FMT-052170-XXXM	40GBASE-SR4	3mm Round Plenum OM4	36	MPO 1x12	P-NP	<.35
FMT-052180-XXXM	40GBASE-SR4	3mm Round Plenum OM4	36	MPO 1x12	P-P	<.35

\*Insertion Loss for Connector Only

## Fiberdyne Configuration 52

MPO-MPO, 40G, Trunk, Three 12 Pin 8 Fiber MPO to Three 12 Pin 8 Fiber MPO, Method B

Fiber Color	Lane Assignment Connector A	Position # Connector A Left Side	Position # Connector D Right Side	Lane Assignment Connector D	Fiber Color
Blue	TX1	1	12	RX1	Blue
Orange	TX2	2	11	RX2	Orange
Green	TX3	3	10	RX3	Green
Brown	TX4	4	9	RX4	Brown
Grey	Not Used	5	8	Not Used	Grey
White	Not Used	6	7	Not Used	White
Red	Not Used	7	6	Not Used	Red
Black	Not Used	8	5	Not Used	Black
Yellow	RX4	9	4	TX4	Yellow
Purple	RX3	10	3	TX3	Purple
Pink	RX2	11	2	TX2	Pink
Aqua	RX1	12	1	TX1	Aqua
Fiber Color	Lane Assignment Connector B	Position # Connector B Left Side	Position # Connector E Right Side	Lane Assignment Connector E	Fiber Color
Blue	TX1	1	12	RX1	Blue
Orange	TX2	2	11	RX2	Orange
Green	TX3	3	10	RX3	Green
Brown	TX4	4	9	RX4	Brown
Grey	Not Used	5	8	Not Used	Grey
White	Not Used	6	7	Not Used	White
Red	Not Used	7	6	Not Used	Red
Black	Not Used	8	5	Not Used	Black
Yellow	RX4	9	4	TX4	Yellow
Purple	RX3	10	3	TX3	Purple
Pink	RX2	11	2	TX2	Pink
Aqua	RX1	12	1	TX1	Aqua

\*Pin configuration show also applies for MPO C to MPO F

# RoHS

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

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FIBERDYNE LABS INC.

TITLE: Fiberdyne Configuration 52  
MPO-MPO, 40G, Trunk, Three 12 Pin 8 Fiber to Three 12 Pin 8 Fiber  
Method B

SIZE DWG. NO. REV  
B 075-11777-001 A

SCALE: 1:1 ECR: 14006-001 SHEET 1 OF 1