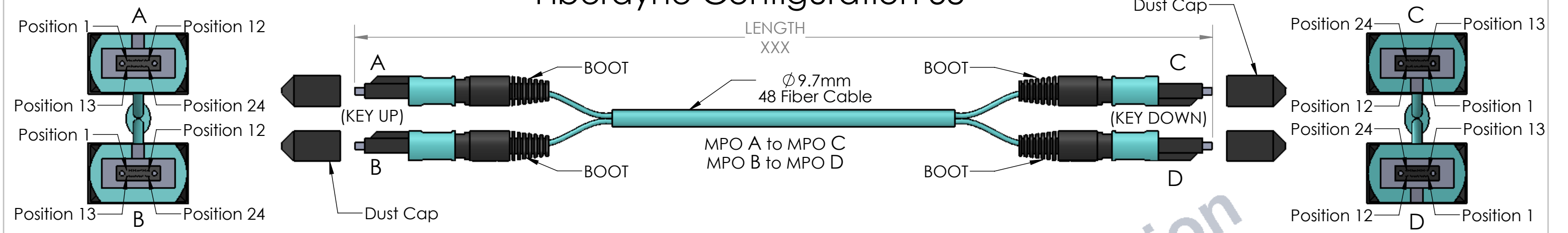


Fiberdyne Configuration 38



100Gb MPO Assemblies

Fiberdyne Part Number	Fiberdyne Configuration 38	Cable Type 50/125 OM3 (Max 100m)	Fiber Count	End A Connector	End B Connector	End C Connector	End D Connector	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-038010-XXXM	100GBASE-SR10	3mm Round Plenum OM3	48	MPO 1x24	MPO 1x24	MPO 1x24	MPO 1x24	NP-NP	<.75
FMT-038020-XXXM	100GBASE-SR10	3mm Round Plenum OM3	48	MPO 1x24	MPO 1x24	MPO 1x24	MPO 1x24	NP-P	<.75
FMT-038030-XXXM	100GBASE-SR10	3mm Round Plenum OM3	48	MPO 1x24	MPO 1x24	MPO 1x24	MPO 1x24	P-NP	<.75
FMT-038040-XXXM	100GBASE-SR10	3mm Round Plenum OM3	48	MPO 1x24	MPO 1x24	MPO 1x24	MPO 1x24	P-P	<.75
FMT-038050-XXXM	100GBASE-SR10	3mm Round Plenum OM3	48	MPO 1x24	MPO 1x24	MPO 1x24	MPO 1x24	NP-NP	<.35
FMT-038060-XXXM	100GBASE-SR10	3mm Round Plenum OM3	48	MPO 1x24	MPO 1x24	MPO 1x24	MPO 1x24	NP-P	<.35
FMT-038070-XXXM	100GBASE-SR10	3mm Round Plenum OM3	48	MPO 1x24	MPO 1x24	MPO 1x24	MPO 1x24	P-NP	<.35
FMT-038080-XXXM	100GBASE-SR10	3mm Round Plenum OM3	48	MPO 1x24	MPO 1x24	MPO 1x24	MPO 1x24	P-P	<.35
Fiberdyne Part Number	Fiberdyne Configuration 38	Cable Type 50/125 OM4 (Max 150m)	Fiber Count	End A Connector	End B Connector	End C Connector	End D Connector	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-038110-XXXM	100GBASE-SR10	3mm Round Plenum OM4	48	MPO 1x24	MPO 1x24	MPO 1x24	MPO 1x24	NP-NP	<.75
FMT-038120-XXXM	100GBASE-SR10	3mm Round Plenum OM4	48	MPO 1x24	MPO 1x24	MPO 1x24	MPO 1x24	NP-P	<.75
FMT-038130-XXXM	100GBASE-SR10	3mm Round Plenum OM4	48	MPO 1x24	MPO 1x24	MPO 1x24	MPO 1x24	P-NP	<.75
FMT-038140-XXXM	100GBASE-SR10	3mm Round Plenum OM4	48	MPO 1x24	MPO 1x24	MPO 1x24	MPO 1x24	P-P	<.75
FMT-038150-XXXM	100GBASE-SR10	3mm Round Plenum OM4	48	MPO 1x24	MPO 1x24	MPO 1x24	MPO 1x24	NP-NP	<.35
FMT-038160-XXXM	100GBASE-SR10	3mm Round Plenum OM4	48	MPO 1x24	MPO 1x24	MPO 1x24	MPO 1x24	NP-P	<.35
FMT-038170-XXXM	100GBASE-SR10	3mm Round Plenum OM4	48	MPO 1x24	MPO 1x24	MPO 1x24	MPO 1x24	P-NP	<.35
FMT-038180-XXXM	100GBASE-SR10	3mm Round Plenum OM4	48	MPO 1x24	MPO 1x24	MPO 1x24	MPO 1x24	P-P	<.35

*Insertion Loss for Connector Only

Fiberdyne Configuration 38

MPO-MPO, 100G, Trunk, Two 24 Pin 20 Fiber MPO to Two 24 Pin 20 Fiber MPO, Option A					
Fiber Color	Lane Assignment Connector A	Position # Connector A Left Side	Position # Connector C Right Side	Lane Assignment Connector C	Fiber Color
Blue	Unused	1	13	Unused	Blue
Orange	RX0	2	14	TX0	Orange
Green	RX1	3	15	TX1	Green
Brown	RX2	4	16	TX2	Brown
Grey	RX3	5	17	TX3	Grey
White	RX4	6	18	TX4	White
Red	RX5	7	19	TX5	Red
Black	RX6	8	20	TX6	Black
Yellow	RX7	9	21	TX7	Yellow
Purple	RX8	10	22	TX8	Purple
Pink	RX9	11	23	TX9	Pink
Aqua	Unused	12	24	Unused	Aqua
Fiber Color	Lane Assignment Connector A	Position # Connector A Left Side	Position # Connector C Right Side	Lane Assignment Connector C	Fiber Color
Blue	Unused	13	1	Unused	Blue
Orange	TX0	14	2	RX0	Orange
Green	TX1	15	3	RX1	Green
Brown	TX2	16	4	RX2	Brown
Grey	TX3	17	5	RX3	Grey
White	TX4	18	6	RX4	White
Red	TX5	19	7	RX5	Red
Black	TX6	20	8	RX6	Black
Yellow	TX7	21	9	RX7	Yellow
Purple	TX8	22	10	RX8	Purple
Pink	TX9	23	11	RX9	Pink
Aqua	Unused	24	12	Unused	Aqua

*Pin configuration show also applies for MPO B to MPO D

RoHS

FIBERDYNE LABS INC.

TITLE: Fiberdyne Configuration 38
MPO-MPO, 2x24 position, 100G
Option A

SIZE B	DWG. NO. 075-11763-001	REV A
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SCALE: 1:1 ECR: 14006-001 SHEET 1 OF 1

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