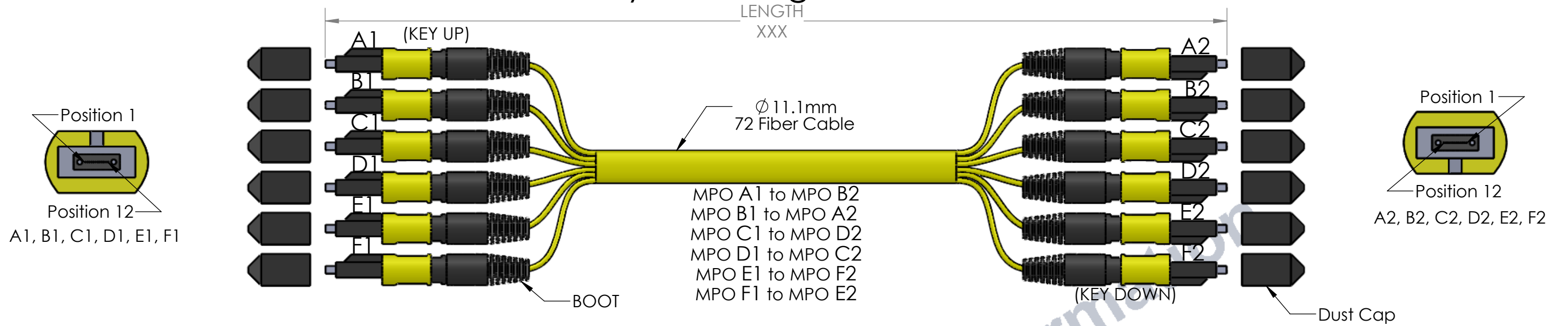


Fiberdyne Configuration 82



Single Mode MPO Assemblies

Fiberdyne Part Number	Fiberdyne Configuration 82	Cable Type OS2	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-082010-XXXM	SM Laser	OS2 Round	72	MPO 1x12	NP-NP	<.75
FMT-082020-XXXM	SM Laser	OS2 Round	72	MPO 1x12	NP-P	<.75
FMT-082030-XXXM	SM Laser	OS2 Round	72	MPO 1x12	P-NP	<.75
FMT-082040-XXXM	SM Laser	OS2 Round	72	MPO 1x12	P-P	<.75
FMT-082050-XXXM	SM Laser	OS2 Round	72	MPO 1x12	NP-NP	<.35
FMT-082060-XXXM	SM Laser	OS2 Round	72	MPO 1x12	NP-P	<.35
FMT-082070-XXXM	SM Laser	OS2 Round	72	MPO 1x12	P-NP	<.35
FMT-082080-XXXM	SM Laser	OS2 Round	72	MPO 1x12	P-P	<.35

*Insertion Loss for Connector Only

Fiberdyne Configuration 82

MPO-MPO, SM, Trunk, Six 12 Pin 12 Fiber MPO to Six 12 Pin 12 Fiber MPO, Type A					
Fiber Color	Lane Assignment Connector A1	Position # Connector A1 Left Side	Position # Connector B2 Right Side	Lane Assignment Connector B2	Fiber Color
Blue	TX1	1	1	RX1	Blue
Orange	RX1	2	2	TX1	Orange
Green	TX2	3	3	RX2	Green
Brown	RX2	4	4	TX2	Brown
Grey	TX3	5	5	RX3	Grey
White	RX3	6	6	TX3	White
Red	TX4	7	7	RX4	Red
Black	RX4	8	8	TX4	Black
Yellow	TX5	9	9	RX5	Yellow
Purple	RX5	10	10	TX5	Purple
Pink	TX6	11	11	RX6	Pink
Aqua	RX6	12	12	TX6	Aqua
Fiber Color	Lane Assignment Connector B1	Position # Connector B1 Left Side	Position # Connector A2 Right Side	Lane Assignment Connector A2	Fiber Color
Blue	TX1	1	1	RX1	Blue
Orange	RX1	2	2	TX1	Orange
Green	TX2	3	3	RX2	Green
Brown	RX2	4	4	TX2	Brown
Grey	TX3	5	5	RX3	Grey
White	RX3	6	6	TX3	White
Red	TX4	7	7	RX4	Red
Black	RX4	8	8	TX4	Black
Yellow	TX5	9	9	RX5	Yellow
Purple	RX5	10	10	TX5	Purple
Pink	TX6	11	11	RX6	Pink
Aqua	RX6	12	12	TX6	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
www.fiberdyne.com

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FIBERDYNE LABS INC.

TITLE: Fiberdyne Configuration 82
MPO-MPO Trunk, Six 12 Pin 12 Fiber to Six 12 Pin 12 Fiber, SM
Type A

SIZE DWG. NO. REV
B 075-11807-001 A

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