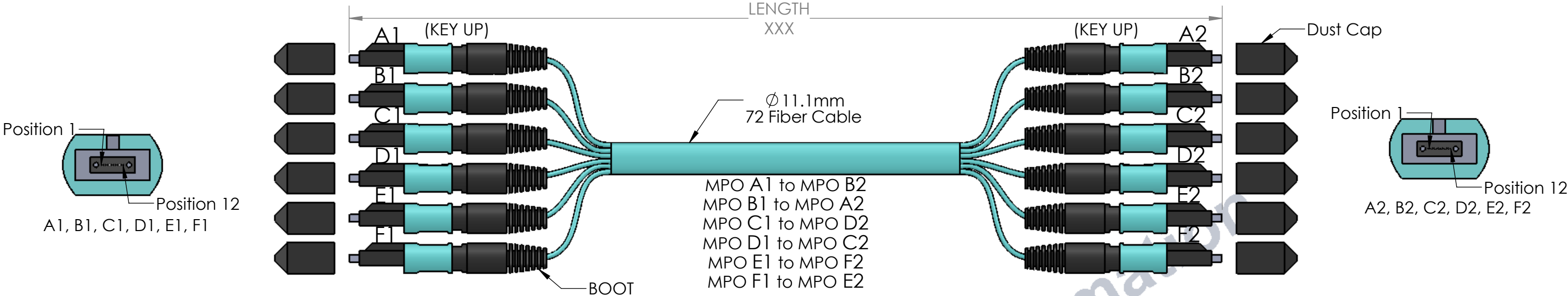


Fiberdyne Configuration 55



40Gb MPO Assemblies

Fiberdyne Part Number	Fiberdyne Configuration 55	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-055010-XXXM	40GBASE-SR4	3mm Round Plenum OM3	72	MPO 1x12	NP-NP	<.75
FMT-055020-XXXM	40GBASE-SR4	3mm Round Plenum OM3	72	MPO 1x12	NP-P	<.75
FMT-055030-XXXM	40GBASE-SR4	3mm Round Plenum OM3	72	MPO 1x12	P-NP	<.75
FMT-055040-XXXM	40GBASE-SR4	3mm Round Plenum OM3	72	MPO 1x12	P-P	<.75
FMT-055050-XXXM	40GBASE-SR4	3mm Round Plenum OM3	72	MPO 1x12	NP-NP	<.35
FMT-055060-XXXM	40GBASE-SR4	3mm Round Plenum OM3	72	MPO 1x12	NP-P	<.35
FMT-055070-XXXM	40GBASE-SR4	3mm Round Plenum OM3	72	MPO 1x12	P-NP	<.35
FMT-055080-XXXM	40GBASE-SR4	3mm Round Plenum OM3	72	MPO 1x12	P-P	<.35
Fiberdyne Part Number	Fiberdyne Configuration 55	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-055110-XXXM	40GBASE-SR4	3mm Round Plenum OM4	72	MPO 1x12	NP-NP	<.75
FMT-055120-XXXM	40GBASE-SR4	3mm Round Plenum OM4	72	MPO 1x12	NP-P	<.75
FMT-055130-XXXM	40GBASE-SR4	3mm Round Plenum OM4	72	MPO 1x12	P-NP	<.75
FMT-055140-XXXM	40GBASE-SR4	3mm Round Plenum OM4	72	MPO 1x12	P-P	<.75
FMT-055150-XXXM	40GBASE-SR4	3mm Round Plenum OM4	72	MPO 1x12	NP-NP	<.35
FMT-055160-XXXM	40GBASE-SR4	3mm Round Plenum OM4	72	MPO 1x12	NP-P	<.35
FMT-055170-XXXM	40GBASE-SR4	3mm Round Plenum OM4	72	MPO 1x12	P-NP	<.35
FMT-055180-XXXM	40GBASE-SR4	3mm Round Plenum OM4	72	MPO 1x12	P-P	<.35

*Insertion Loss for Connector Only

Fiberdyne Configuration 55

MPO-MPO, 40G,Trunk, Six 12 Pin 8 Fiber MPO to Six 12 Pin 8 Fiber MPO, Method B					
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	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 B1	Position # Connector B1 Right Side	Position # Connector A2 Left Side	Lane Assignment Connector A2	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 C1 to MPO D2, MPO D1 to MPO C2, MPO E1 to MPO F2, & MPO F1 to MPO E2

RoHS

FIBERDYNE LABS INC.

TITLE: Fiberdyne Configuration 55
MPO-MPO Trunk, Six 12 Pin 8 Fiber to Six 12 Pin 8 Fiber, 40G
Method B

SIZE B	DWG. NO. 075-11780-001	REV A
SCALE: 1:1	ECR: 14006-001	SHEET 1 OF 1

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