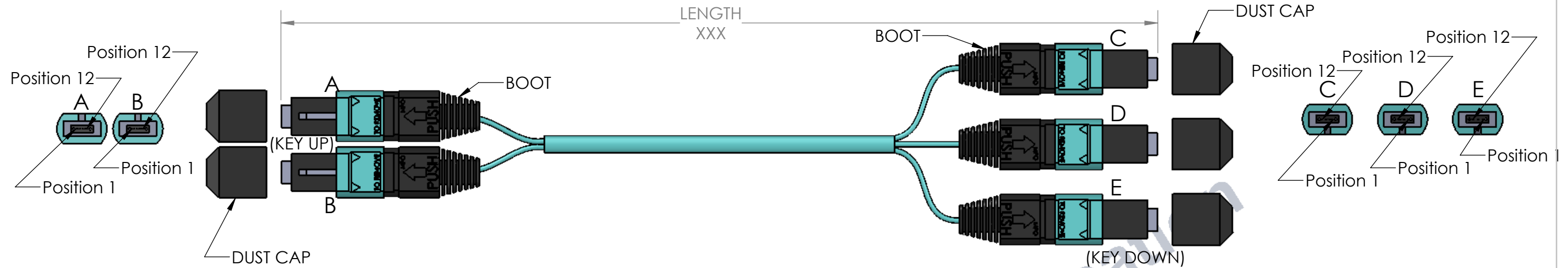


Fiberdyne Configuration 31



10Gb to 40G MPO Conversion Assemblies

Fiberdyne Part Number	Fiberdyne Configuration 31	Cable Type 50/125 OM3 (Max 100m)	Fiber Count	End A Connector	End B Connector	End C Connector	End D Connector	End E Connector	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-031010-XXXM	CONVERSION	3mm Round Plenum OM3	24	MPO 1x12	MPO 1x12	MPO 1x8	MPO 1x8	MPO 1x8	NP-NP	<.75
FMT-031020-XXXM	CONVERSION	3mm Round Plenum OM3	24	MPO 1x12	MPO 1x12	MPO 1x8	MPO 1x8	MPO 1x8	NP-P	<.75
FMT-031030-XXXM	CONVERSION	3mm Round Plenum OM3	24	MPO 1x12	MPO 1x12	MPO 1x8	MPO 1x8	MPO 1x8	P-NP	<.75
FMT-031040-XXXM	CONVERSION	3mm Round Plenum OM3	24	MPO 1x12	MPO 1x12	MPO 1x8	MPO 1x8	MPO 1x8	P-P	<.75
FMT-031050-XXXM	CONVERSION	3mm Round Plenum OM3	24	MPO 1x12	MPO 1x12	MPO 1x8	MPO 1x8	MPO 1x8	NP-NP	<.35
FMT-031060-XXXM	CONVERSION	3mm Round Plenum OM3	24	MPO 1x12	MPO 1x12	MPO 1x8	MPO 1x8	MPO 1x8	NP-P	<.35
FMT-031070-XXXM	CONVERSION	3mm Round Plenum OM3	24	MPO 1x12	MPO 1x12	MPO 1x8	MPO 1x8	MPO 1x8	P-NP	<.35
FMT-031080-XXXM	CONVERSION	3mm Round Plenum OM3	24	MPO 1x12	MPO 1x12	MPO 1x8	MPO 1x8	MPO 1x8	P-P	<.35
Fiberdyne Part Number	Fiberdyne Configuration 31	Cable Type 50/125 OM4 (Max 150m)	Fiber Count	End A Connector	End B Connector	End C Connector	End D Connector	End E Connector	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-031110-XXXM	CONVERSION	3mm Round Plenum OM4	24	MPO 1x12	MPO 1x12	MPO 1x8	MPO 1x8	MPO 1x8	NP-NP	<.75
FMT-031120-XXXM	CONVERSION	3mm Round Plenum OM4	24	MPO 1x12	MPO 1x12	MPO 1x8	MPO 1x8	MPO 1x8	NP-P	<.75
FMT-031130-XXXM	CONVERSION	3mm Round Plenum OM4	24	MPO 1x12	MPO 1x12	MPO 1x8	MPO 1x8	MPO 1x8	P-NP	<.75
FMT-031140-XXXM	CONVERSION	3mm Round Plenum OM4	24	MPO 1x12	MPO 1x12	MPO 1x8	MPO 1x8	MPO 1x8	P-P	<.75
FMT-031150-XXXM	CONVERSION	3mm Round Plenum OM4	24	MPO 1x12	MPO 1x12	MPO 1x8	MPO 1x8	MPO 1x8	NP-NP	<.35
FMT-031160-XXXM	CONVERSION	3mm Round Plenum OM4	24	MPO 1x12	MPO 1x12	MPO 1x8	MPO 1x8	MPO 1x8	NP-P	<.35
FMT-031170-XXXM	CONVERSION	3mm Round Plenum OM4	24	MPO 1x12	MPO 1x12	MPO 1x8	MPO 1x8	MPO 1x8	P-NP	<.35
FMT-031180-XXXM	CONVERSION	3mm Round Plenum OM4	24	MPO 1x12	MPO 1x12	MPO 1x8	MPO 1x8	MPO 1x8	P-P	<.35

*Insertion Loss for Connector Only

Fiberdyne Configuration 31

MPO Conversion Cable, Two OM4, 10G, 12 Pin 12 Fiber Type A MPO to Three OM4, 40G, 12 Pin 8 Fiber, Method A					
Legend	Lane Assignment Connector A	Position # Connector A Left Side	Position # Connector C Right Side	Lane Assignment Connector C	Fiber Color
A1-C1	TX1	1	1	RX1	Blue
A2-C5	RX1	2	2	RX2	Orange
A3-C2	TX2	3	3	RX3	Green
A4-C6	RX2	4	4	RX4	Brown
A5-C3	TX3	5	Not Used	Not Used	Grey
A6-C7	RX3	6	Not Used	Not Used	White
A7-C4	TX4	7	Not Used	Not Used	Red
A8-C8	RX4	8	Not Used	Not Used	Black
A9-D9	TX5	9	8	TX4	Yellow
A10-D13	RX5	10	7	TX3	Purple
A11-D10	TX6	11	6	TX2	Pink
A12-D14	RX6	12	5	TX1	Aqua
Legend	Lane Assignment Connector B	Position # Connector B Right Side	Position # Connector D Left Side	Lane Assignment Connector D	Fiber Color
B1-D11	TX7	1	9	RX5	Blue
B2-D15	RX7	2	10	RX6	Orange
B3-D12	TX8	3	11	RX7	Green
B4-D16	RX8	4	12	RX8	Brown
B5-E17	TX9	5	Not Used	Not Used	Grey
B6-E21	RX9	6	Not Used	Not Used	White
B7-E18	TX10	7	Not used	Not Used	Red
B8-E22	RX10	8	Not Used	Not Used	Black
B9-E19	TX11	9	16	TX8	Yellow
B10-E23	RX11	10	15	TX7	Purple
B11-E20	TX12	11	14	TX6	Pink
B12-E24	RX12	12	13	TX5	Aqua
			Position # Connector E Left Side	Lane Assignment Connector E	Fiber Color
			17	RX9	Blue
			18	RX10	Orange
			19	RX11	Green
			20	RX12	Brown
			Not Used	Not Used	Grey
			Not Used	Not Used	White
			Not Used	Not Used	Red
			Not Used	Not Used	Black
			24	TX12	Yellow
			23	TX11	Purple
			22	TX10	Pink
			21	TX9	Aqua

RoHS

FIBERDYNE LABS INC.

TITLE: Fiberdyne Configuration 31
MPO-MPO, 2x12 Fiber 10G by 3x8 Fiber 40G

Method A

SIZE B	DWG. NO. 075-11756-001	REV A
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SCALE: 1:1 ECR: 14006-001 SHEET 1 OF 1

Fiberdyne Labs Inc. Frankfort, NY
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