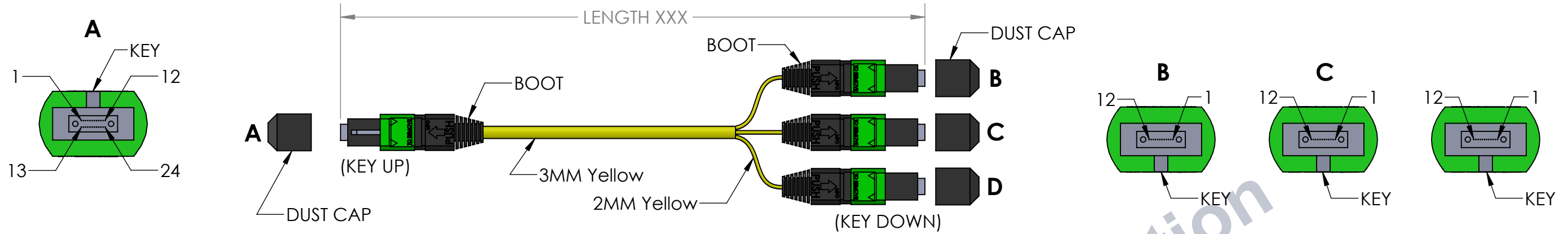


# Fiberdyne Configuration 527



## 100 Gb to 40 Gb MPO Conversion

Fiberdyne Part Number	Fiberdyne Configuration 527	Cable Type	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-527010-XXXM	CONVERSION	3mm Round OS2	24	MPO 1x24	MPO 1x12	MPO 1x12	MPO 1x12	NP-NP	<.75
FMT-527020-XXXM	CONVERSION	3mm Round OS2	24	MPO 1x24	MPO 1x12	MPO 1x12	MPO 1x12	NP-P	<.75
FMT-527030-XXXM	CONVERSION	3mm Round OS2	24	MPO 1x24	MPO 1x12	MPO 1x12	MPO 1x12	P-NP	<.75
FMT-527040-XXXM	CONVERSION	3mm Round OS2	24	MPO 1x24	MPO 1x12	MPO 1x12	MPO 1x12	P-P	<.75
FMT-527050-XXXM	CONVERSION	3mm Round OS2	24	MPO 1x24	MPO 1x12	MPO 1x12	MPO 1x12	NP-NP	<.35
FMT-527060-XXXM	CONVERSION	3mm Round OS2	24	MPO 1x24	MPO 1x12	MPO 1x12	MPO 1x12	NP-P	<.35
FMT-527070-XXXM	CONVERSION	3mm Round OS2	24	MPO 1x24	MPO 1x12	MPO 1x12	MPO 1x12	P-NP	<.35
FMT-527080-XXXM	CONVERSION	3mm Round OS2	24	MPO 1x24	MPO 1x12	MPO 1x12	MPO 1x12	P-P	<.35

\*Insertion Loss for Connector Only

## Fiberdyne Configuration 527

MPO CONVERSION CABLE, SM (1) 24 PIN 24 FIBER MPO to (3) 12 PIN 8 FIBER MPO, 100Gb to 40Gb					
LANE ASSIGNMENT CONNECTOR A	POSITION# CONNECTOR A	FIBER COLOR CONECTOR A	FIBER COLOR CONNECTOR B	POSITION# CONNECTOR B	LANE ASSIGNMENT CONNECTOR B
TX1	1	BLUE	BLUE'	1	TX1
TX2	2	ORANGE	ORANGE'	2	TX2
TX3	3	GREEN	GREEN'	3	TX3
TX4	4	BROWN	BROWN'	4	TX4
TX5	5	GREY		5	UNUSED
TX6	6	WHITE		6	UNUSED
TX7	7	RED		7	UNUSED
TX8	8	BLACK		8	UNUSED
TX9	9	YELLOW	BROWN	9	RX4
TX10	10	PURPLE	GREEN	10	RX3
TX11	11	PINK	ORANGE	11	RX2
TX12	12	AQUA	BLUE	12	RX1
FIBER COLOR CONNECTOR C	POSITION# CONNECTOR C	LANE ASSIGNMENT CONNECTOR C	FIBER COLOR CONNECTOR D	POSITION# CONNECTOR D	LANE ASSIGNMENT CONNECTOR D
RX1	13	BLUE'	YELLOW'	1	TX1
RX2	14	ORANGE'	PURPLE'	2	TX2
RX3	15	GREEN'	PINK'	3	TX3
RX4	16	BROWN'	AQUA'	4	TX4
RX5	17	GREY'		5	UNUSED
RX6	18	WHITE'		6	UNUSED
RX7	19	RED'		7	UNUSED
RX8	20	BLACK'		8	UNUSED
RX9	21	YELLOW'	AQUA	9	RX4
RX10	22	PURPLE'	PINK	10	RX3
RX11	23	PINK'	PURPLE	11	RX2
RX12	24	AQUA'	YELLOW	12	RX1

# RoHS

FIBERDYNE LABS INC.

TITLE:  
Fiberdyne Configuration 527  
MPO Conversion, SM (1) 24 Pin 24 Fiber MPO to (3) 12 Pin 8 Fiber MPO(s), 100Gb to 40Gb

SIZE DWG. NO. REV  
**B** 900\_12454\_001 -1  
SCALE: 2:3 SHEET 1 OF 1

Fiberdyne Labs Inc. Frankfort, NY  
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	-1	Original Publication	12/18/2015	FMO
REVISIONS				