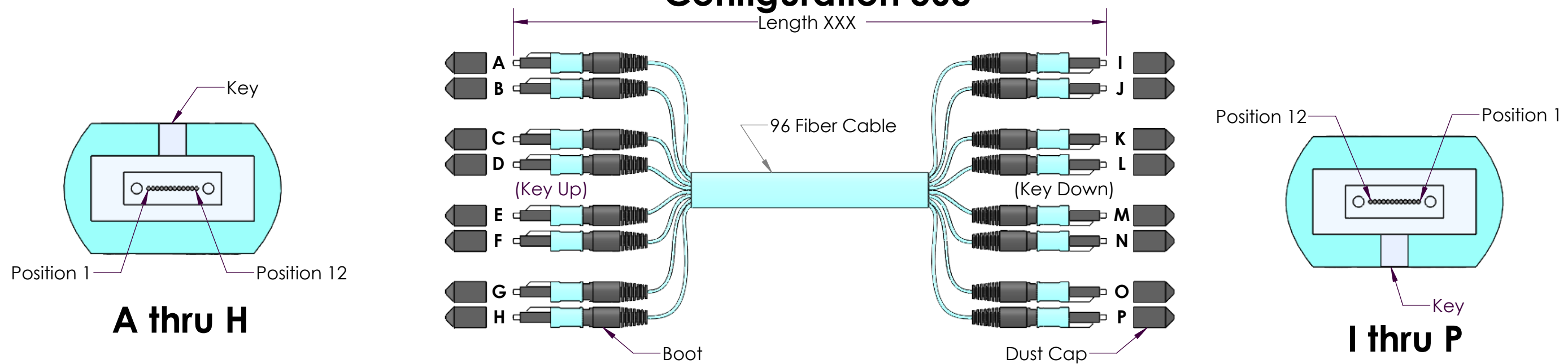


ZONE		REV.	DESCRIPTION	DATE	APPROVED
D2		-1	Corrected Tables 2mm and 96 Fiber Trunk	3/4/2024	FMO

Configuration 563



MM MPO Assemblies						
Fiberdyne Part Number	Cable Type 50/125 OM3 (Max 100m)	Fiber Count	End A thru H Connector	End I thru P Connector	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-563010-XXXM	2mm Round Plenum OM3	96	MPO 1x12	MPO 1x12	NP-NP	<.75
FMT-563020-XXXM	2mm Round Plenum OM3	96	MPO 1x12	MPO 1x12	NP-P	<.75
FMT-563040-XXXM	2mm Round Plenum OM3	96	MPO 1x12	MPO 1x12	P-P	<.75
FMT-563050-XXXM	2mm Round Plenum OM3	96	MPO 1x12	MPO 1x12	NP-NP	<.35
FMT-563060-XXXM	2mm Round Plenum OM3	96	MPO 1x12	MPO 1x12	NP-P	<.35
FMT-563080-XXXM	2mm Round Plenum OM3	96	MPO 1x12	MPO 1x12	P-P	<.35
Fiberdyne Part Number	Cable Type 50/125 OM4 (Max 150m)	Fiber Count	End A thru H Connector	End I thru P Connector	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-563110-XXXM	2mm Round Plenum OM4	96	MPO 1x12	MPO 1x12	NP-NP	<.75
FMT-563120-XXXM	2mm Round Plenum OM4	96	MPO 1x12	MPO 1x12	NP-P	<.75
FMT-563140-XXXM	2mm Round Plenum OM4	96	MPO 1x12	MPO 1x12	P-P	<.75
FMT-563150-XXXM	2mm Round Plenum OM4	96	MPO 1x12	MPO 1x12	NP-NP	<.35
FMT-563160-XXXM	2mm Round Plenum OM4	96	MPO 1x12	MPO 1x12	NP-P	<.35
FMT-563180-XXXM	2mm Round Plenum OM4	96	MPO 1x12	MPO 1x12	P-P	<.35

Fiberdyne Configuration 563			
96 Fiber Trunk, MPO-MPO Eight 12 Pin 12 Fiber to Eight 12 Pin 12 Fiber, MM Type A			
Fiber Color	Position # Connector A-H Left Side	Position # Connector I-P Right Side	Fiber Color
Blue	1	1	Blue
Orange	2	2	Orange
Green	3	3	Green
Brown	4	4	Brown
Slate	5	5	Slate
White	6	6	White
Red	7	7	Red
Black	8	8	Black
Yellow	9	9	Yellow
Violet	10	10	Violet
Pink	11	11	Pink
Aqua	12	12	Aqua

*Insertion Loss for Connector Only

Notes:
 MPO Housing OM3 Color Aqua
 MPO Housing OM4 Color Magenta

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UNLESS OTHERWISE SPECIFIED:		NAME	DATE	FIBERDYNE LABS, INC TITLE: Configuration 563 96 Fiber Trunk, MPO-MPO, Eight 12 Pin 12 Fiber to Eight 12Pin 12 Fiber, MM Type A SIZE DWG. NO. REV B 900_13375_001 -1 SCALE: NA SHEET 1 OF 1
DIMENSIONS ARE IN INCHES		DRAWN	FMO 02/27/24	
TOLERANCES:		CHECKED		
FRACTIONAL ±		ENG APPR.	FMO 02/27/24	
ANGULAR: MACH ± BEND ±		MFG APPR.		
TWO PLACE DECIMAL ±.01		Q.A.		
THREE PLACE DECIMAL ±.005		COMMENTS:		
INTERPRET GEOMETRIC TOLERANCING PER:		CAD FILE:	900_13375_001.SLDASM	
MATERIAL				
SEE NOTES				
FINISH		NA		
NEXT ASSY	USED ON			
APPLICATION		DO NOT SCALE DRAWING		