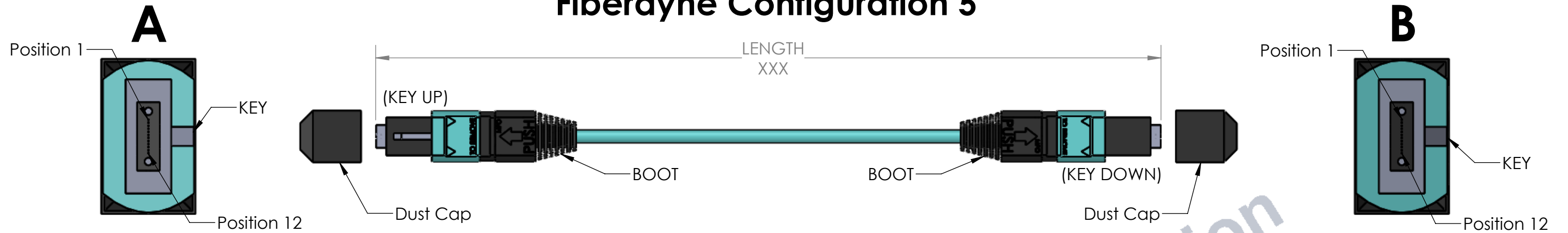


# Fiberdyne Configuration 5



## 100Gb MPO Assemblies

Fiberdyne Part Number	Fiberdyne Configuration 5	Cable Type 50/125 OM3 (Max 100m)	Fiber Count	End A Connector	End B Connector	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-005010-XXXM	100GBASE-SR10	3mm Round Plenum OM3	12	MPO 1x12	MPO 1x12	NP-NP	<.75
FMT-005020-XXXM	100GBASE-SR10	3mm Round Plenum OM3	12	MPO 1x12	MPO 1x12	NP-P	<.75
FMT-005030-XXXM	100GBASE-SR10	3mm Round Plenum OM3	12	MPO 1x12	MPO 1x12	P-NP	<.75
FMT-005040-XXXM	100GBASE-SR10	3mm Round Plenum OM3	12	MPO 1x12	MPO 1x12	P-P	<.75
FMT-005050-XXXM	100GBASE-SR10	3mm Round Plenum OM3	12	MPO 1x12	MPO 1x12	NP-NP	<.35
FMT-005060-XXXM	100GBASE-SR10	3mm Round Plenum OM3	12	MPO 1x12	MPO 1x12	NP-P	<.35
FMT-005070-XXXM	100GBASE-SR10	3mm Round Plenum OM3	12	MPO 1x12	MPO 1x12	P-NP	<.35
FMT-005080-XXXM	100GBASE-SR10	3mm Round Plenum OM3	12	MPO 1x12	MPO 1x12	P-P	<.35
Fiberdyne Part Number	Fiberdyne Configuration 5	Cable Type 50/125 OM4 (Max 150m)	Fiber Count	End A Connector	End B Connector	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-005110-XXXM	100GBASE-SR10	3mm Round Plenum OM4	12	MPO 1x12	MPO 1x12	NP-NP	<.75
FMT-005120-XXXM	100GBASE-SR10	3mm Round Plenum OM4	12	MPO 1x12	MPO 1x12	NP-P	<.75
FMT-005130-XXXM	100GBASE-SR10	3mm Round Plenum OM4	12	MPO 1x12	MPO 1x12	P-NP	<.75
FMT-005140-XXXM	100GBASE-SR10	3mm Round Plenum OM4	12	MPO 1x12	MPO 1x12	P-P	<.75
FMT-005150-XXXM	100GBASE-SR10	3mm Round Plenum OM4	12	MPO 1x12	MPO 1x12	NP-NP	<.35
FMT-005160-XXXM	100GBASE-SR10	3mm Round Plenum OM4	12	MPO 1x12	MPO 1x12	NP-P	<.35
FMT-005170-XXXM	100GBASE-SR10	3mm Round Plenum OM4	12	MPO 1x12	MPO 1x12	P-NP	<.35
FMT-005180-XXXM	100GBASE-SR10	3mm Round Plenum OM4	12	MPO 1x12	MPO 1x12	P-P	<.35

\*Insertion Loss for Connector Only

Fiberdyne Configuration 5			
MPO-MPO, 12 Pin 10 Fiber to 12 Pin 10 Fiber, 100G, Option A, Key Up/Key Down			
Fiber Color	Position # Connector A	Position # Connector B	Fiber Color
Blue	1	1	Blue
Orange	2	2	Orange
Green	3	3	Green
Brown	4	4	Brown
Grey	5	5	Grey
White	6	6	White
Red	7	7	Red
Black	8	8	Black
Yellow	9	9	Yellow
Purple	10	10	Purple
Pink	11	11	Pink
Aqua	12	12	Aqua

**Use Configuration 5 with Cassette Configuration 236**

# RoHS

ZONE	REV.	DESCRIPTION	DATE	APPROVED
A2	B	ECN# 19072-001	3/13/2019	FMO
	A	ECN# 14006-001 Original release	12/06/2014	CFO
REVISIONS				

**Fiberdyne Labs Inc. Frankfort, NY**  
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FIBERDYNE LABS INC.		
TITLE: Fiberdyne Configuration 5 MPO-MPO, 12 Pin 10 Fiber, 100G Option A		
SIZE <b>B</b>	DWG. NO. 075_11730_001	REV <b>B</b>
SCALE: 1:1		SHEET 1 OF 1