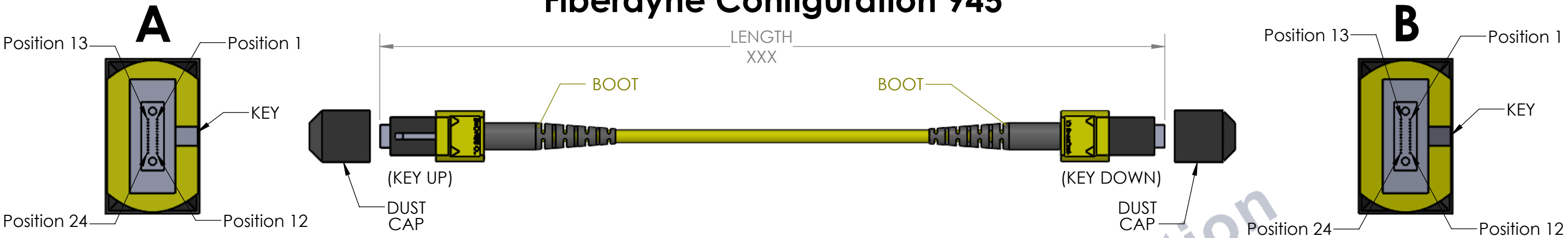


Fiberdyne Configuration 945



SM MPO Assemblies

Fiberdyne Part Number	Cable Type ONFP	Fiber Type OS2	Fiber Count	End A Connector	End B Connector	Guide Pin P=Pinned(Male) NP=Non-Pinned(Female)	Insertion Loss (IL) Standard / Low Loss*
FMT-945010-XXXM	3mm Round	G.657.A2	24	MPO 1x24	MPO 1x24	NP-NP	<.75
FMT-945020-XXXM	3mm Round	G.657.A2	24	MPO 1x24	MPO 1x24	NP-P	<.75
FMT-945040-XXXM	3mm Round	G.657.A2	24	MPO 1x24	MPO 1x24	P-P	<.75
FMT-945050-XXXM	3mm Round	G.657.A2	24	MPO 1x24	MPO 1x24	NP-NP	<.35
FMT-945060-XXXM	3mm Round	G.657.A2	24	MPO 1x24	MPO 1x24	NP-P	<.35
FMT-945080-XXXM	3mm Round	G.657.A2	24	MPO 1x24	MPO 1x24	P-P	<.35

*Insertion Loss for Connector Only

Configuration 945

MPO-MPO, SM, 24 Position 24 Fiber to 24 Position 24 Fiber, Standard Boots, ANSI/TIA-668.3 Type A:2-2, Key Up/Key Down			
Fiber Color	Position # Connector A	Position # Connector B	Fiber Color
Blue	1	13	Blue
Orange	2	14	Orange
Green	3	15	Green
Brown	4	16	Brown
Grey	5	17	Grey
White	6	18	White
Red	7	19	Red
Black	8	20	Black
Yellow	9	21	Yellow
Purple	10	22	Purple
Pink	11	23	Pink
Aqua	12	24	Aqua
Fiber Color	Position # Connector A	Position # Connector B	Fiber Color
Blue	13	1	Blue
Orange	14	2	Orange
Green	15	3	Green
Brown	16	4	Brown
Grey	17	5	Grey
White	18	6	White
Red	19	7	Red
Black	20	8	Black
Yellow	21	9	Yellow
Purple	22	10	Purple
Pink	23	11	Pink
Aqua	24	12	Aqua

Note: Configured per ANSI/TIA-568.3 Type A:2-2

RoHS

	-2	ADD ANSI/TIA-568.3 Type A:2.2 to Title	3/6/2025	FMO
	-1	Original Publication	3/4/25	FMO
ZONE	REV.	DESCRIPTION	DATE	APPROVED
REVISIONS				

Fiberdyne Labs Inc. Frankfort, NY
www.fiberdyne.com

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FIBERDYNE LABS INC.		
TITLE: Configuration 945 MPO-MPO SM, 24 Position 24 Fiber to 24 Position 24 Fiber, w/ Standard Boots, ANSI/TIA-568.3 Type A:2-2		
SIZE B	DWG. NO. 900_13497_001	REV -2
SCALE: 1:1		SHEET 1 OF 1