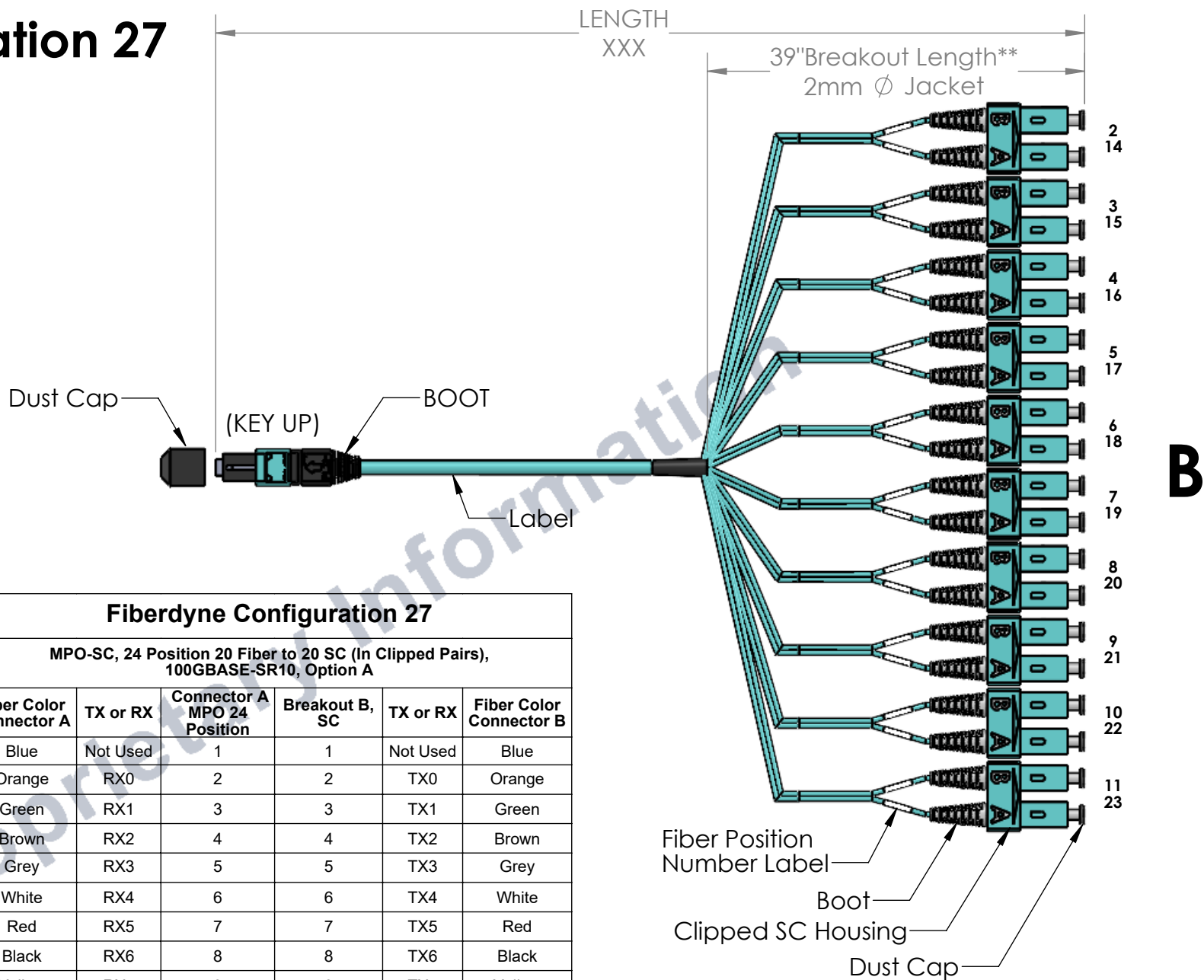
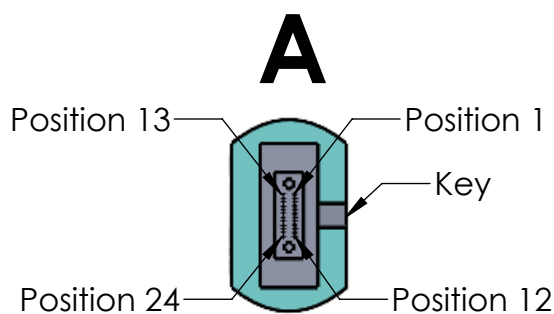


Fiberdyne Configuration 27



100GBASE-SR10 MPO Assemblies

Fiberdyne Part Number	Fiberdyne Configuration 27	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-027010-XXXM	100GBASE-SR10	3mm Round Plenum OM3	24	MPO 1x24	Duplex SC	NP	<.75
FMT-027030-XXXM	100GBASE-SR10	3mm Round Plenum OM3	24	MPO 1x24	Duplex SC	P	<.75
FMT-027050-XXXM	100GBASE-SR10	3mm Round Plenum OM3	24	MPO 1x24	Duplex SC	NP	<.35
FMT-027070-XXXM	100GBASE-SR10	3mm Round Plenum OM3	24	MPO 1x24	Duplex SC	P	<.35
Fiberdyne Part Number	Fiberdyne Configuration 27	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-027110-XXXM	100GBASE-SR10	3mm Round Plenum OM4	24	MPO 1x24	Duplex SC	NP	<.75
FMT-027130-XXXM	100GBASE-SR10	3mm Round Plenum OM4	24	MPO 1x24	Duplex SC	P	<.75
FMT-027150-XXXM	100GBASE-SR10	3mm Round Plenum OM4	24	MPO 1x24	Duplex SC	NP	<.35
FMT-027170-XXXM	100GBASE-SR10	3mm Round Plenum OM4	24	MPO 1x24	Duplex SC	P	<.35

*Insertion Loss for Connector Only

A3	B	ECN 25090-001	3/31/2025	FMO
A3	A	ECN 14006-001	1/13/2014	CFO
ZONE	REV.	DESCRIPTION	DATE	APPROVED
REVISIONS				

Fiberdyne Configuration 27

MPO-SC, 24 Position 20 Fiber to 20 SC (In Clipped Pairs), 100GBASE-SR10, Option A					
Fiber Color Connector A	TX or RX	Connector A MPO 24 Position	Breakout B, SC	TX or RX	Fiber Color Connector B
Blue	Not Used	1	1	Not Used	Blue
Orange	RX0	2	2	TX0	Orange
Green	RX1	3	3	TX1	Green
Brown	RX2	4	4	TX2	Brown
Grey	RX3	5	5	TX3	Grey
White	RX4	6	6	TX4	White
Red	RX5	7	7	TX5	Red
Black	RX6	8	8	TX6	Black
Yellow	RX7	9	9	TX7	Yellow
Purple	RX8	10	10	TX8	Purple
Pink	RX9	11	11	TX9	Pink
Aqua	Not Used	12	12	Not Used	Aqua
Blue	Not Used	13	13	Not Used	Blue
Orange	TX0	14	14	RX0	Orange
Green	TX1	15	15	RX1	Green
Brown	TX2	16	16	RX2	Brown
Grey	TX3	17	17	RX3	Grey
White	TX4	18	18	RX4	White
Red	TX5	19	19	RX5	Red
Black	TX6	20	20	RX6	Black
Yellow	TX7	21	21	RX7	Yellow
Purple	TX8	22	22	RX8	Purple
Pink	TX9	23	23	RX9	Pink
Aqua	Unused	24	24	Unused	Aqua

**-.39" standard breakout length, custom lengths available
-Custom Connectors also available

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

FIBERDYNE LABS INC.

TITLE:
Fiberdyne Configuration 27
MPO-SC 24 Position 20 Fiber MPO to 20
SC (In Clipped Pairs), 100GBASE-SR10
Option A

SIZE B	DWG. NO. 075-11752-001	REV B
SCALE: NA		SHEET 1 OF 1

RoHS

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF Fiberdyne Labs Inc. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF Fiberdyne Labs Inc IS PROHIBITED.