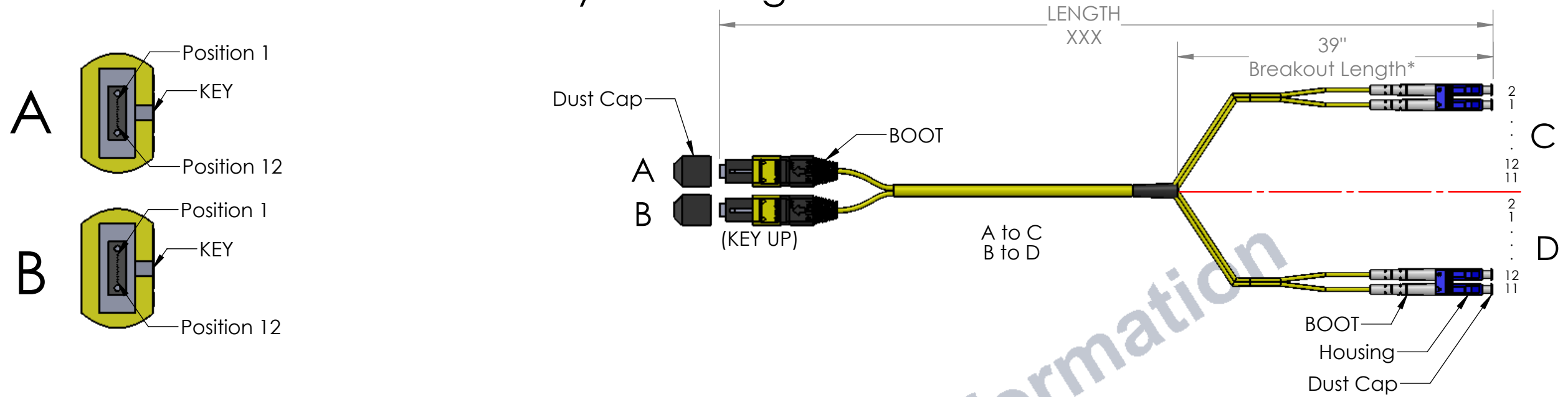


Fiberdyne Configuration 154



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

Single Mode MPO Assemblies

| Fiberdyne Part Number | Fiberdyne Configuration 154 | Cable Type OS2 | Fiber Count | MPO End Connector | LC Connectors | Guide Pin P=Pinned(Male) NP=Non-Pinned(Female) | Insertion Loss (IL) Standard / Low Loss* |
|-----------------------|-----------------------------|----------------|-------------|-------------------|---------------|------------------------------------------------------|------------------------------------------|
| FMT-154010-XXXM | SM Laser | OS2 Round | 24 | MPO 1x12 | Duplex LC | NP-NP | <.75 |
| FMT-154020-XXXM | SM Laser | OS2 Round | 24 | MPO 1x12 | Duplex LC | NP-P | <.75 |
| FMT-154030-XXXM | SM Laser | OS2 Round | 24 | MPO 1x12 | Duplex LC | P-NP | <.75 |
| FMT-154040-XXXM | SM Laser | OS2 Round | 24 | MPO 1x12 | Duplex LC | P-P | <.75 |
| FMT-154050-XXXM | SM Laser | OS2 Round | 24 | MPO 1x12 | Duplex LC | NP-NP | <.35 |
| FMT-154060-XXXM | SM Laser | OS2 Round | 24 | MPO 1x12 | Duplex LC | NP-P | <.35 |
| FMT-154070-XXXM | SM Laser | OS2 Round | 24 | MPO 1x12 | Duplex LC | P-NP | <.35 |
| FMT-154080-XXXM | SM Laser | OS2 Round | 24 | MPO 1x12 | Duplex LC | P-P | <.35 |

*Insertion Loss for Connector Only

Fiberdyne Configuration 154

| MPO-LC, Two 12 Pin 12 Fiber MPO to Two Groups of 12 LC, SM, Type C, 2mm Breakout | | | | | |
|----------------------------------------------------------------------------------|-----------------------------|-------------------|------------------------------|-----------------------------|-------------|
| Fiber Color | Lane Assignment Connector A | Pin # Connector A | Breakout C, LC, Pin Polarity | Lane Assignment Connector C | Fiber Color |
| Blue | TX1 | 1 | 2 | RX1 | Blue |
| Orange | RX1 | 2 | 1 | TX1 | Orange |
| Green | TX2 | 3 | 4 | RX2 | Green |
| Brown | RX2 | 4 | 3 | TX2 | Brown |
| Grey | TX3 | 5 | 6 | RX3 | Grey |
| White | RX3 | 6 | 5 | TX3 | White |
| Red | TX4 | 7 | 8 | RX4 | Red |
| Black | RX4 | 8 | 7 | TX4 | Black |
| Yellow | TX5 | 9 | 10 | RX5 | Yellow |
| Purple | RX5 | 10 | 9 | TX5 | Purple |
| Pink | TX6 | 11 | 12 | RX6 | Pink |
| Aqua | RX6 | 12 | 11 | TX6 | Aqua |

*Pin configuration shown also applies to MPO B to group D of 12 LCs

RoHS

Fiberdyne Labs Inc. Frankfort, NY
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FIBERDYNE LABS INC.

TITLE: Fiberdyne Configuration 154
MPO-LC, Two 12 Pin 12 Fiber MPO to Two Groups of 12 LC, SM
Type C

SIZE DWG. NO. REV
B 075-11879-001 A

SCALE: 1:1 ECR: 14006-001 SHEET 1 OF 1