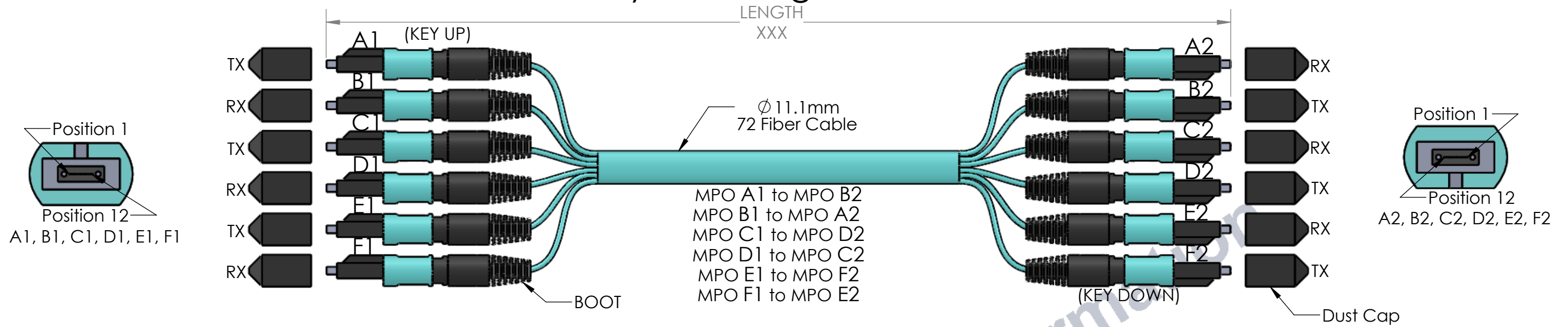


# Fiberdyne Configuration 65



| 10Gb MPO Assemblies   |                            |                                  |             |                              |  |  |
|-----------------------|----------------------------|----------------------------------|-------------|------------------------------|--|--|
| Fiberdyne Part Number | Fiberdyne Configuration 65 | Cable Type 50/125 OM3 (Max 100m) | Fiber Count | End A,B,C,D,E & F Connectors | Guide Pin P=Pinned(Male) NP=Non-Pinned(Female) | Insertion Loss (IL) Standard / Low Loss* |
| FMT-065010-XXXM       | 10GBASE-SR                 | 3mm Round Plenum OM3             | 72          | MPO 1x12                     | NP-NP  | <.75                                     |
| FMT-065020-XXXM       | 10GBASE-SR                 | 3mm Round Plenum OM3             | 72          | MPO 1x12                     | NP-P   | <.75                                     |
| FMT-065030-XXXM       | 10GBASE-SR                 | 3mm Round Plenum OM3             | 72          | MPO 1x12                     | P-NP   | <.75                                     |
| FMT-065040-XXXM       | 10GBASE-SR                 | 3mm Round Plenum OM3             | 72          | MPO 1x12                     | P-P  | <.75                                     |
| FMT-065050-XXXM       | 10GBASE-SR                 | 3mm Round Plenum OM3             | 72          | MPO 1x12                     | NP-NP  | <.35                                     |
| FMT-065060-XXXM       | 10GBASE-SR                 | 3mm Round Plenum OM3             | 72          | MPO 1x12                     | NP-P   | <.35                                     |
| FMT-065070-XXXM       | 10GBASE-SR                 | 3mm Round Plenum OM3             | 72          | MPO 1x12                     | P-NP   | <.35                                     |
| FMT-065080-XXXM       | 10GBASE-SR                 | 3mm Round Plenum OM3             | 72          | MPO 1x12                     | P-P  | <.35                                     |
| Fiberdyne Part Number | Fiberdyne Configuration 65 | Cable Type 50/125 OM4 (Max 150m) | Fiber Count | End A,B,C & D Connectors     | Guide Pin P=Pinned(Male) NP=Non-Pinned(Female) | Insertion Loss (IL) Standard / Low Loss* |
| FMT-065110-XXXM       | 10GBASE-SR                 | 3mm Round Plenum OM4             | 72          | MPO 1x12                     | NP-NP  | <.75                                     |
| FMT-065120-XXXM       | 10GBASE-SR                 | 3mm Round Plenum OM4             | 72          | MPO 1x12                     | NP-P   | <.75                                     |
| FMT-065130-XXXM       | 10GBASE-SR                 | 3mm Round Plenum OM4             | 72          | MPO 1x12                     | P-NP   | <.75                                     |
| FMT-065140-XXXM       | 10GBASE-SR                 | 3mm Round Plenum OM4             | 72          | MPO 1x12                     | P-P  | <.75                                     |
| FMT-065150-XXXM       | 10GBASE-SR                 | 3mm Round Plenum OM4             | 72          | MPO 1x12                     | NP-NP  | <.35                                     |
| FMT-065160-XXXM       | 10GBASE-SR                 | 3mm Round Plenum OM4             | 72          | MPO 1x12                     | NP-P   | <.35                                     |
| FMT-065170-XXXM       | 10GBASE-SR                 | 3mm Round Plenum OM4             | 72          | MPO 1x12                     | P-NP   | <.35                                     |
| FMT-065180-XXXM       | 10GBASE-SR                 | 3mm Round Plenum OM4             | 72          | MPO 1x12                     | P-P  | <.35                                     |

\*Insertion Loss for Connector Only

| Fiberdyne Configuration 65  |                              |                                    |                                    |                              |             |
|---|------------------------------|------------------------------------|------------------------------------|------------------------------|-------------|
| MPO-MPO, 10G, Trunk, Six 12 Pin 12 Fiber MPO to Six 12 Pin 12 Fiber MPO, Type C |                              |                                    |                                    |                              |             |
| Fiber Color   | Lane Assignment Connector A1 | Position # Connector A1 Left Side  | Position # Connector B2 Right Side | Lane Assignment Connector B2 | 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        |
| Fiber Color   | Lane Assignment Connector B1 | Position # Connector B1 Right Side | Position # Connector A2 Left Side  | Lane Assignment Connector A2 | 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 show also applies for MPO C1 to MPO D2, MPO D1 to MPO C2, MPO E1 to MPO F2, & MPO F1 to MPO E2

## RoHS

Fiberdyne Labs Inc. Frankfort, NY  
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|--|---------------------------|--------------|
| FIBERDYNE LABS INC.  |                           |              |
| TITLE: Fiberdyne Configuration 65  |                           |              |
| MPO-MPO Trunk, Six 12 Pin 12 Fiber to Six 12 Pin 12 Fiber, 10G<br>Type C |                           |              |
| SIZE<br><b>B</b>   | DWG. NO.<br>075-11790-001 | REV<br>A     |
| SCALE: 1:1   | ECR: 14006-001            | SHEET 1 OF 1 |