

## FO Breakout Assembly MPO(12)/LC-UPC Duplex Uniboot, 12F SM9/125 OS2

### FO Breakout Assembly 12F SM OS2, MPO12(APC)f - LCD EZF, type A, LL

MPO to LCD EZF breakout assembly (also called a fan-out or harness cable) is a high-density fiber optic assembly used to transition from a single multi-fiber connector to multiple individual LC duplex connectors. It is designed primarily for the transition from duplex applications to high-speed parallel optical applications. High-quality MTP® and LCD connectors provide very low insertion loss and reliable long-term support for high-speed network applications. Easy Flip LCD connectors provide tool-less polarity change and high-density due to low profile and Push-Pull-Tab.

#### SPECIFICATION

|                          |                                  |
|--------------------------|----------------------------------|
| Fiber quantity           | 12 fibers                        |
| Cable design             | Round dielectric cable           |
| Cable Outer Diameter, mm | 3,0 mm                           |
| Outer Jacket Material    | LSZH                             |
| Fiber type               | SM 9/125 OS2                     |
| Connector, Side A        | 12F MPO FEMALE                   |
| IL, Side A               | ≤ 0.12/0.25 dB (typ/max)         |
| RL, Side A               | ≥ 50 dB                          |
| Connector, Side B        | LC-UPC Duplex Uniboot switchable |
| IL, Side B               | ≤ 0.17/0.35 dB (typ/max)         |
| RL, Side B               | ≥ 50 dB                          |
| Polarity                 | Type A                           |
| Loss Category            | Low Loss                         |

#### Part Numbers

|          |                                                                                                                                                                                                              |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F531Axxx | FO Breakout Assembly 12F SM OS2, MPO12(APC)f - LCD EZF, type A, LL, [Length]m<br>(XXX is the length in meters for values that are multiples of 1m; for lengths up to 10m that are not multiples of 1m - X.X) |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|