



# MPO CASSETTE



**UNISOL** MPO-LC OM3 Cassette provides improved link reliability between MPO and LC connectors. It provides quick installation, and improves troubleshooting and reconfiguration during moves and changes while saving time.

## FEATURES

- High Quality 16GA CRS material allows for compact and durable cassettes.
- 24-Fiber, 10G, OM3, Multimode, 50/125.
- 24 LC port to 2 MPO port.
- Cassette offers a plug and play solution which saves assembly and termination time.
- MPO connector reduces insertion loss which enhances channel link performance.
- MPO ports are equipped with Male MPO connectors to work with standard MPO female cable assembly.
- Suitable for any applications with a need for higher bandwidth with longer distances.
- Wiring is 1:1
- Compatible with all LGX Fiber Enclosures and Patch Panels

Datacenter Infrastructure

Enterprise Building Backbone

Storage Area Network

Emerging 40 & 100 Gps Networks



# MPO CASSETTE

- Cassette Housing:**  
 Material: 16GA CRS  
 Color: Powder Black Coat
- LC-Duplex Adapter:**  
 Material: ABS  
 Color: Aqua  
 Sleeve: Metal
- MPO Male Adapter:**  
 Material: PBT  
 Color: Aqua  
 Mating Cycles: 1000 Mating Cycles  
 Dust Cap: TPR  
 Color: Black
- Cable Type:**  
 10G, OM3, MM, 50/125µm

|             |             |                   |                 |              |             |                   |                 |
|-------------|-------------|-------------------|-----------------|--------------|-------------|-------------------|-----------------|
| PIN 11      | 12          | A                 | ROSE            | PIN 12       | 24          | B                 | AQUA            |
| PIN 12      | 11          | B                 | AQUA            | PIN 11       | 23          | A                 | ROSE            |
| PIN 9       | 10          | A                 | YELLOW          | PIN 10       | 22          | B                 | VIOLET          |
| PIN 10      | 9           | B                 | VIOLET          | PIN 9        | 21          | A                 | YELLOW          |
| PIN 7       | 8           | A                 | RED             | PIN 8        | 20          | B                 | BLACK           |
| PIN 8       | 7           | B                 | BLACK           | PIN 7        | 19          | A                 | RED             |
| PIN 5       | 6           | A                 | SLATE           | PIN 6        | 18          | B                 | WHITE           |
| PIN 6       | 5           | B                 | WHITE           | PIN 5        | 17          | A                 | SLATE           |
| PIN 3       | 4           | A                 | GREEN           | PIN 4        | 16          | B                 | BROWN           |
| PIN 4       | 3           | B                 | BROWN           | PIN 3        | 15          | A                 | GREEN           |
| PIN 1       | 2           | A                 | BLUE            | PIN 2        | 14          | B                 | ORANGE          |
| PIN 2       | 1           | B                 | ORANGE          | PIN 1        | 13          | A                 | BLUE            |
| MPO<br>1-12 | PORT<br>NO. | FIBER<br>POSITION | JACKET<br>COLOR | MPO<br>13-24 | PORT<br>NO. | FIBER<br>POSITION | JACKET<br>COLOR |

WIRE CONNECTION TABLE