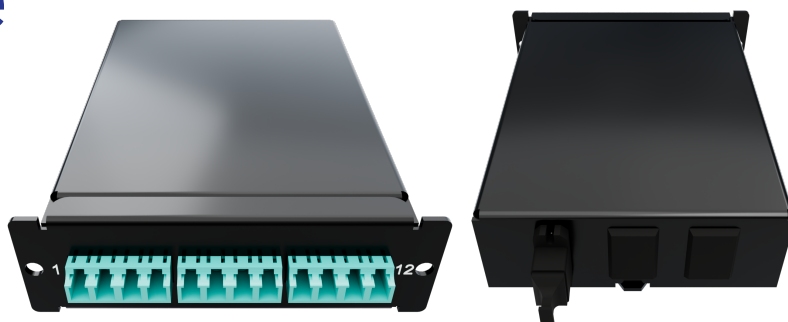


# MPO - LC Cassette

## 12F



### Product Specification

|                        |  |
|------------------------|--|
| Fibre Type             | SM - G.657.A1<br>Bend Insensitive MM - OM3/ OM4/ OM5                                     |
| Capacity               | 12F  |
| Front End Adaptor      | 2 X 6 LC Ports<br>OM3, OM4 - Aqua<br>OM5 - Lime Green<br>SM/UPC - Blue<br>SM/APC - Green |
| MPO Adaptor            | Type A (Key Up/key down), Black  |
| MPO Connector Type     | Base 12  |
| MPO Connector Polarity | Male (Pinned)  |
| Material               | Aluminium  |

### Optical Specifications

| MPO - LC CAssette  |                | SM IL (dB)   | SM RL(dB)    | MM IL(dB)   | MM RL(dB)   |
|--------------------|----------------|--------------|--------------|-------------|-------------|
| Connector          | Loss           | @1310/1550nm | @1310/1550nm | @850/1300nm | @850/1300nm |
| MPO/PC - LC PC/PC  | Low Loss       | NA           | NA           | ≤ 0.55      | ≥ 35dB      |
|                    | Ultra Low Loss | NA           | NA           | ≤ 0.45      | ≥ 35dB      |
| MPO - APC - LC APC | Low Loss       | ≤ 0.60       | ≥ 60dB       | NA          | NA          |
|                    | Ultra Low Loss | ≤ 0.50       | ≥ 60dB       | NA          | NA          |
| MPO - APC - LC UPC | Low Loss       | ≤ 0.60       | ≥ 55dB       | ≤ 0.60      | ≥ 35dB      |
|                    | Ultra Low Loss | ≤ 0.50       | ≥ 55dB       | ≤ 0.50      | ≥ 35dB      |

Part Number Configurator

| Product Type | Loss Type | Fibre Type | End Connector 1 - Polish | End Connector 1 | End Connector 2 - Polish | End Connector 2 |
|--------------|-----------|------------|--------------------------|-----------------|--------------------------|-----------------|
| HC           | L         | 9          | A                        | 3               | A                        | 2               |

| Product Type |             | Loss Type |                | Fibre Type |            | End Connector 1- Polish Type |     | End Connector-1 | End Connector 2 - Polish Type |   | End Connector-2 |   |             |
|--------------|-------------|-----------|----------------|------------|------------|------------------------------|-----|-----------------|-------------------------------|---|-----------------|---|-------------|
| HC           | HD Cassette | L         | Low Loss       | 9          | SM G657A1  | U                            | UPC | 3               | 1x12 MPO Pinnet               | U | UPC             | 2 | 6 Duplex LC |
|              |             | U         | Ultra Low Loss | 3          | OM3, BIMMF | A                            | APC |                 |                               | A | APC             |   |             |
|              |             |           |                | 4          | OM4, BIMMF |                              |     |                 |                               |   |                 |   |             |
|              |             |           |                | 5          | OM5, BIMMF |                              |     |                 |                               |   |                 |   |             |

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