

## Cassette Module Box

**MULTI MODE SN: MC-MPO-OM3**

**MULTI MODE SN: MC-MPO-OM4**

**SINGEL MODE SN: MC-MPO-SM**



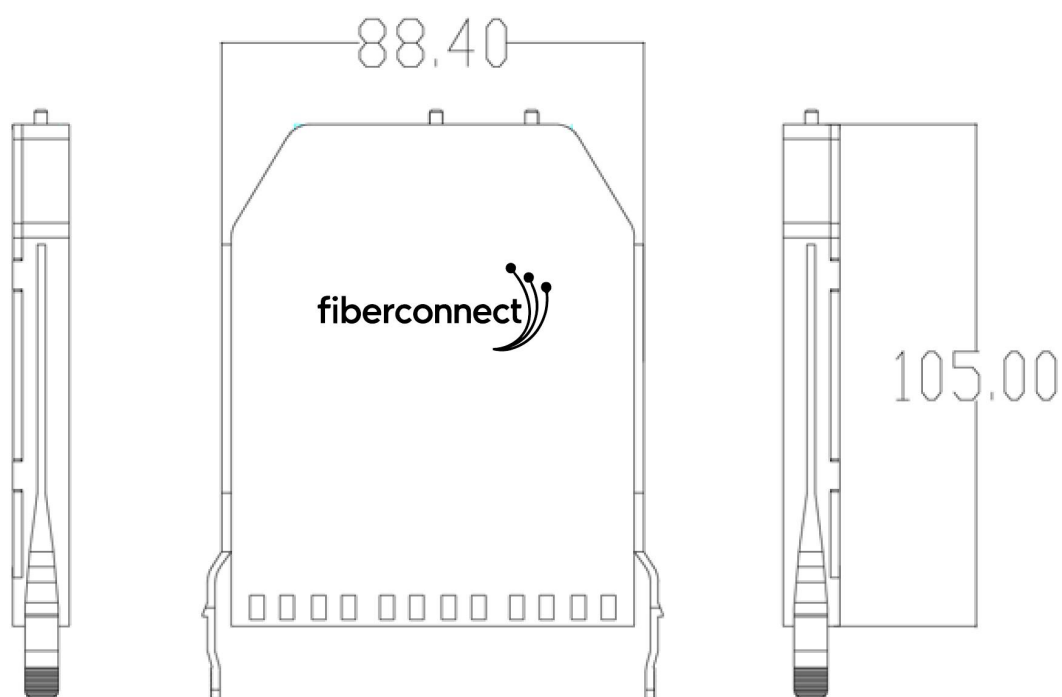
High Density MPO Cassette Module Series is a versatile solution in multiple sizes (1U/2U/4U) and styles for building back bones, data centers and enterprise applications. It is designed for 1U 144 fiber Ultra High-density patch panel, you can mount the cassettes in our series rack enclosures, and this scalable designs can grow with your network system.

ABS housing, Light Weight

12 Fiber Capacity:

Designed for FTTH application

| MTP/MPO Connector        |                         |                  |                  |
|--------------------------|-------------------------|------------------|------------------|
| Fiber Mode               | Single Mode OS-2        | Multi Mode OM-3  | Multi Mode OM4   |
| Insertion Loss (dB)      | ≤0.70 (Standard)        | ≤0.50 (Standard) | ≤0.50 (Standard) |
|                          | ≤0.35 (Elite)           | ≤0.35 (Elite)    | ≤0.35 (Elite)    |
| Return Loss (dB)         | ≥60                     | ≥20              | ≥20              |
| Durability (dB)          | ≤0.2 (500 times mating) |                  |                  |
| Tensile Strength (kgf)   | 10                      |                  |                  |
| Working Temperature (°C) | -20 ~ +70               |                  |                  |
| LC Connector             |                         |                  |                  |
| Fiber Mode               | Single Mode OS2         | Multi Mode OM3   | Multi Mode OM4   |
| Insertion Loss (dB)      | ≤0.30                   | ≤0.30            | ≤0.30            |
| Return Loss (dB)         | ≥60                     | ≥20              | ≥20              |
| Durability (dB)          | ≤0.2 500 times mating   |                  |                  |
| Tensile Strength (kgf)   | 10                      |                  |                  |
| Working Temperature (°C) | -20 ~ +70               |                  |                  |



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