# Product Data Sheet

## MPO cassette OS2, for modular panel, 24 x LC, Type B, low loss, black



**Part Number:** LAN-FRM-IN-2MB-24LC/OS2

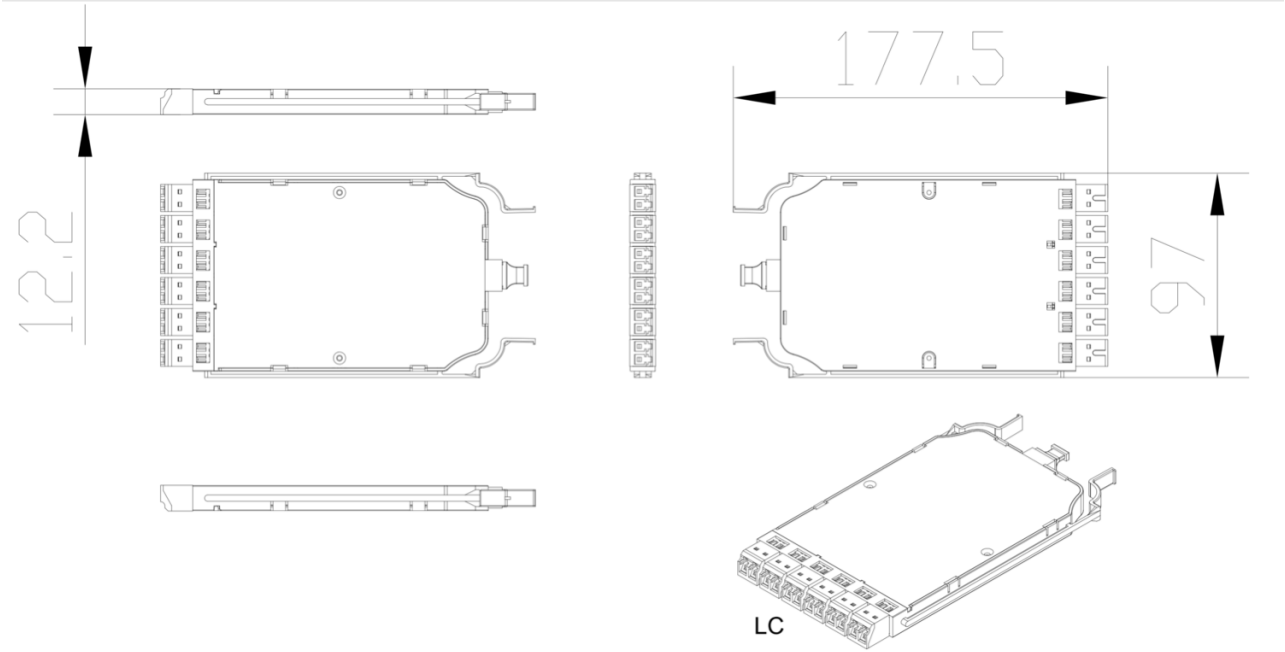
High-density OS2 MPO cassette, 12xLC, polarity B, low loss, black

## Description

There is a 12-fiber breakout assembly inside the cassette. The cassette has 12-fiber MPO connector on the back and optical LC connectors on the front.

Compact cassettes are 12.2 mm thick. Due to such a compact size of the cassettes and the use of special enclosures (LAN-FOBM-12MCC-1U and LAN-FOBM-48MCC-4U ) a high port density is achieved:

- 12 MPO cassettes (144 LC connectors) per 1U
- 48 MPO cassettes (576 LC connectors) per 4U




Highly efficient modular solution supports future-oriented 40 and 100 Gigabit Ethernet transmission speeds. Convenient design and a complete set of modular components ensure that the system is easy to maintain and upgrade. To connect new elements you do not need a special tool or the involvement of skilled technicians. These factors are especially important for SCS in Data Centers.

Excellent performances are achieved using new polishing processes and tight requirements for the geometry of the fiber ends in the connector. Each element of the system undergoes a series of diagnostic tests. The quality of polishing is checked using a 3D-interferometer against industry standards.

Polarity: B

Fiber type: OS2

Insertion Loss:

MPO connector ≤ 0,35dB

LC connectors ≤ 0,30dB

## Part Numbers

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Specifications are subject to change without notice. For the most current information, consult LANMASTER or an authorized LANMASTER partner/distributor.