

PRODUCT DATA SHEET

High-Density Fibre MPO Cassettes

Introduction :

Designed to meet the high-density demands of modern data centres, our MPO pre-terminated fibre cassettes offer a fast, efficient, and scalable solution for fibre network deployments. Available in OM3, OM4, and OS2, these cassettes feature either a single 24-fibre MPO connector or dual 12-fibre MPO inputs, ensuring seamless integration with high-speed data centre infrastructure.

Key Benefits:

- **Rapid Deployment** – Pre-terminated and factory-tested for plug-and-play installation, reducing deployment time.
- **High-Density & Scalable** – Supports evolving data centre requirements with optimized space utilization.
- **Reliable Performance** – Factory-polished and tested to ensure low insertion loss and high optical performance.
- **Simplified Cable Management** – Modular design enhances accessibility and reduces clutter.
- **Future-Ready Connectivity** – Supports high-speed applications up to 400G and beyond.

Product Specification :

Fiber type : OM3/OM4
Capacity : 24F
Front end Adaptor : 6# of LC QUAD
Back end Adaptor : 1# of 24F MPOMPO
Connector : Male
Test wave length : 850nm

Fiber type : SM
Capacity : 24F
Front end Adaptor : 6# of LC QUAD, Blue
Back end Adaptor : 2# of 12F MPO, Green
MPO Connector : Male
Test wave length : 1310nm

Our MPO fibre cassettes provide a high-performance, space-efficient, and easily scalable solution for data centres looking to enhance speed, reliability, and ease of network expansion.

OM3 / OM4 MPO Cassette



OM3 / OM4 MPO Cassette
(2 x 12 Port)



OM3 / OM4 MPO Cassette
(1 x 24 Port)



Singlemode MPO Cassette



Singlemode MPO Cassette
(1 x 12 Port)



Singlemode MPO Cassette
(2 x 12 Port)



Part Numbers

Model No :

Description :

Contact info@globalsix.co.za for more information

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