

# MDB-M optical distribution box IP65

The Fiber Optic Box MDB M is a durable fiber optic box, designed with the highly flexible FibeRoad system inside. The box can be configured to address a wide range of fiber optic splice and/or connectivity applications for PON, GPON and 5G networks. The engineered design provides IP65 protection from water / dust ingress and IK10 impact resistance to keep your critical network connections safe inside. The MDB M provides the ideal splicing solution for multi dwelling unit fiber distribution points or outdoor pole mounted splice applications.

- Capacity of up to 144 splices
- Capacity of up to 48× SC / 96× LC connector
- Multiple cable or tube entry ports on all sides of the box to increase installation flexibility
- Top outputs – PG grommets for using outdoors
- Grommets System for using indoors
- Ability to mix & match the Fiber Optic Trays: KM 4, KM 5, KM 6, KM 7, KM 9
- KM 4 and KM 6 for up to 24 splices (6 pcs max.)
- KM 5 for up to 12× SC / 24× LC connector (4 pcs max.)
- KM 7 for up to 8× SC / 16× LC connector (for GPON, 4 pcs max.)
- KM 9 for up to 12 splices (12 pcs max.)
- Scalable through gradual adding of trays
- Optional placing of PLC Splitters in the management (outside a tray)
- Up to 2 PLC Splitters ABS together with 4× KM 7
- Hingeable (or detachable) splicing (or patching) section
- FibeRoad™ System compatible
- Removable internal fiber management chassis to enable maximum access
- Support for ribbon fibers
- Significant space for patch cords and cables reserves
- Optional pole bracket
- Suitable for all types of networks



Product number	Product name	Number of splices
5061020	Fibrebox MDB-M 96/96F splice and patch 7 in-/output for grommets IP65	96
5061021	Fibrebox MDB-M 96/64F splice and patch 7 in-/output for grommets IP65	
5061022	Fibrebox MDB-M 144F splice only 7 in-/output for grommets IP65	144