

**MICOS****MDO 300****FIBER HIGH DENSITY
CABINETS****NEW****GPON READY****5G READY****FiberRoad**

The Fiber High Density Cabinet MDO 300 is used to store up to 1,728 splices and to terminate up to 576 fibers with SC connectors or 1,152 fibers with LC connectors using the [FiberRoad™ System](#). It is a modular solution without cable splitters and without drawing into protective tubes, with a uniform patch cord length of 4 m. The cabinet can be used in central office and for all types of networks.

- ▶ Capacity of up to 1,728 splices (for KM 4 and KM 9)
- ▶ Capacity of up to 432× SC / 864× LC connector (for KM 5 without the ranging management)
- ▶ Capacity of up to 576× SC / 1,152× LC connector (for KM 7 without the ranging management)
- ▶ Efficient logistics enabled by flat pack delivery
- ▶ Ability to assemble only the Subrack part or the ranging management
- ▶ 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
- ▶ KM 5 for up to 12× SC / 24× LC connector
- ▶ KM 7 for up to 8× SC / 16× LC connector (for GPON)
- ▶ KM 9 for up to 12 splices
- ▶ Uniform patch cord length of 4 m
- ▶ Ability to gradually add trays as required
- ▶ Modular solution without cable splitter functionality
- ▶ Optional placing of PLC Splitters (outside a tray)
- ▶ Ability to stack the cabinets sideways or back to back
- ▶ Roof mounted cable tray and access
- ▶ Increased corrosion resistance (aluzinc)
- ▶ [FiberRoad™ System](#) compatible
- ▶ Suitable for ribbon fibers
- ▶ Suitable for all types of networks

**Fiber High Density Cabinet MDO 300**

TECHNICAL SPECIFICATIONS

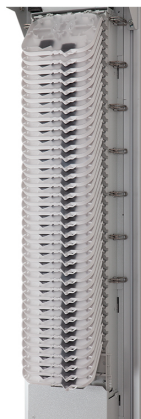
Inputs / Outputs (quantity × range)	2× (230 × 55) mm
Material	painted steel sheet (aluzinc)
Color	light gray RAL 7035
Dimensions (H × W × D)	2,200 × 300 × 300 mm
Flat Pack Dimensions (H × W × D)	2,350 × 303 × 85 mm
Flat Pack Weight	28 kg

ORDERING CODES

85U5.90/0000F	MDO 300 432/864 (flat pack)
85U5.20/0000F	MDO Subrack
85U5.60/0000F	MDO Side Cover (2 pcs)
85U5.95/0000F	MDO Door 300
85U5.94/0000F	MDO Grate Holder (assembly)
85C3.79/000X	KM 4 Kit for Heat Shrinkable Protection
85C3.83/000X	KM 6 Kit for Heat Shrinkable Protection
85AV.94/0000F	KM 5 Kit for Heat Shrinkable Protection
85C3.86/000X	KM 7 Kit for Heat Shrinkable Protection
On request (MDO)	MDO Subrack KM 9
85AV.52/000X	Fiber Optic Tray KM 9 SC



MDO 300 (closed)



MDO Subrack (36x KM 4)



MDO Subrack (36x KM 6)



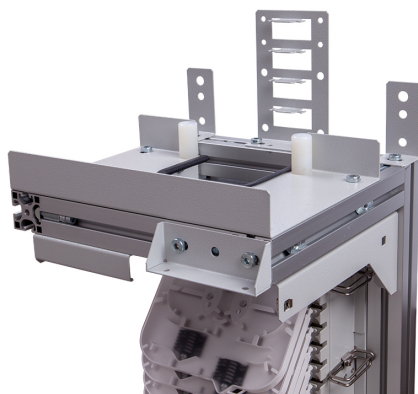
MDO Subrack (tray combination)



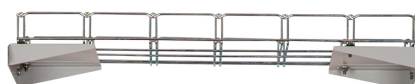
MDO Subrack



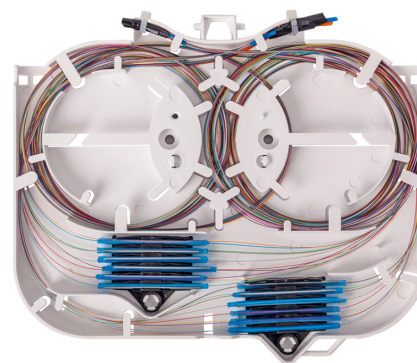
MDO 300 without Covers and Doors (2x Subrack)



MDO 300 Roof



MDO Grate Holder



KM 4 (for splicing, up to 24 splices)

More information: <https://www.micostelcom.com/en/fiber-high-density-cabinets/fiber-high-density-cabinets-mdo-300>

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