

MUF-7 Fiber Optic Closure

Description:

Dome-type fiber optic closure designed to protect spliced connections and for cable branching in underground, aerial, and manhole installations. The UV- and chemical-resistant plastic enclosure provides IP68 protection.

Fiber Management and Patching:

The closure is equipped with a support bracket accommodating up to 12 dedicated splice trays. Each tray accommodates 12 splice protection sleeves, providing a total splice capacity of 144 splices. A patch field for 14 SC simplex adapters / LC duplex adapters is integrated on the opposite side of the bracket, with dedicated space for installing optical splitters in mini-housings.

Cable Entry and Sealing:

The closure is equipped with 6 round cable ports and 1 oval cable port. The oval port allows a feeder cable to be introduced in a loop without cutting all fibers. Standard cable sealing is provided using heat-shrink seals. The closure also supports optional mechanical seals, which increase the cable capacity of the ports:

- **Round ports:** up to 36 cables with a diameter of 6–8 mm
- **Oval port:** 2 cables with a diameter of 10–20 mm (available cable glands: D12, D14, D16, D18, D20)
- For smaller cable diameters, sealing with self-vulcanizing tape or heat-shrink tubing is permitted

Technical Specifications:

Fiber Optic Closure MUF-7	
Maximum splice capacity	144 splices (12 trays × 12 splices)
Patch field	14 SC simplex / LC duplex adapters
Cable ports	6 round + 1 oval
Cable diameter (round ports)	6 - 33 mm
Cable diameter (oval port)	10 - 30 mm
Cable sealing	heat-shrink / mechanical
Dimensions (H × W × D) [mm]	464 x 278 x 162
Ingress protection	IP68

Mounting Systems and Equipment:

The closure is designed for wall, pole, and telecom manhole installation. It is compatible with the following cable storage brackets:

- SZ-2 – storage bracket for telecom manholes and cable chambers
- SZ-3 – storage bracket for wooden and concrete poles

Standard Equipment: closure housing, 12 splice trays, splice protection sleeves, heat-shrink seals / mechanical seals*, wall mounting bracket.

Optional Accessories: pole mounting bracket, aerial suspension bracket (for mounting closure on cable).

*to be specified when placing the order.

