

Optical Fiber Distribution Box

KEY FEATURES

- DIN-Rail & Surface mountable transitional fiber distribution point
- Maximum of 24 optical fiber termination density
- Splice holding feature for up to 12 fibers or 24 overall
- Eight brackets to assist with proper fiber slack management
- Two cable entry points with multiple fitting options accommodates a variety of applications
- LGX modular adapter plate with plunger locks integrated
- Durable steel case with high-impact, corrosive resistant black finish



The Signamax Optical Fiber Distribution Box is a multi-functional tool that may be used as a transition device (e.g., demarcation point, transition point, manifold industrial outlet, etc.) in several networking environments such as industrial floor, commercial office, protected outdoor installation.

It's ability to mount on surfaces and DIN-rails, both normal and flat, its small form factor, standard LGX mounting interface, and various cable entry ports (compression fittings, MPO adapters) make OFDB a product of choice where there is a requirement for a small yet robust optical fiber distribution hub based on connectorization and splicing technologies.

ORDERING INFORMATION

| PART NO. | DESCRIPTION |
|-------------|---|
| OFDB-01 | Surface Mount Optical Fiber Distribution Box |
| OFDB-01DR | DIN-Rail Mount Optical Fiber Distribution Box |
| ACCESSORIES | |
| OFDB-01-01 | Blank Cable Entry Port Cover with mounting screws |
| OFDB-01-02 | 2 x MPO-A Adapter with mounting screws |
| OFDB-01-03 | 1 x MG12 cable gland adapter with mounting screws |
| OFDB-01-04 | 1 x MPO-A Adapter with mounting screws |
| OFDB-01-05 | Optical Fiber Splice Holder - 6 fibers with 6 OFFSS-30-60 sleeves |
| OFDB-01-06 | Optical Fiber Splice Holder - 12 fibers with 12 OFFSS-15-40 sleeves |

Adapter plates and splice holders sold separately. Both models include mounting screws, a blank fitting, adhesive administration label, and installation instructions. OFDB-01DR also includes one DIN-Rail clip.

SPECIFICATIONS

CONSTRUCTION

Housing: Steel with Corrosive resistant black finish
Front Cover: Aluminum

CAPACITY

Communication Ports:

OFDB-01-04: up to 12 fibers

OFDB-01-02: up to 24 fibers

OFDB-01-03: up to 24 fibers

Adapter Plates: 1 Max up to 24 fibers; LGX format

Splice Holders: 2 Max

OFDB-01-05: up to 6 fibers (12 overall)

OFDB-01-06: up to 12 fibers (24 overall)

MOUNTING DIMENSIONS:

Depth: 5.32" (135 mm)

Width: 1.18" (30 mm)

Height: 5.12" (130 mm)

OFDB-01: Flat surface, screws

OFDB-01DR: 35-mm DIN-Rail, clip

ENVIRONMENTAL CONDITIONS

Operating Temperature: 14 °F to 140 °F (-10 °C to 60 °C)

Storage Temperature: -40 °F to 158 °F (-40 °C to 70 °C)

Operating RH: 93% Max (non-condensing)

WARRANTY

5 - Year Limited Component

Internal View Detail

