



IFDB-M

Indoor Fiber Distribution Box

home - **EnLighten**
FTTH Solutions

The IFDB-M is an enclosure to break out fibers from an indoor riser cable into individual drops to the living units of an MDU. These drops provide a fiber optic connection to the living units.

The IFDB-M allows to break out fiber from certain riser cables by making a window cut not larger than 70 mm without interrupting the strength member.

To connect the drop to the raiser fibers splices or drop connectors can be used.

Features

- Compact enclosure (126 x 200 x 50 mm)
- For indoor use
- In-line and butt configuration possible for main cable
- Wraparound cable seals for main cable and drops
- Cutting loop through fibers from riser cable not required
- Window cuts as small as 70 mm possible with certain cable constructions
- Compatible with mechanical, SMOUV and ANT splice protectors
- Low smoke zero halogen enclosure material
- Transient-free customer provisioning
- Drop cables are terminated individually
- Separate storage of un-connected fibers from spliced drop fibers
- Support integration of PON splitters
- Main cable up to 11 mm diameter
Drop cable up to 6 mm diameter
- Easy drop cable termination on strain relief device.

Kit content

- Box with fiber organizer
- Main cable seal and termination device
- Drop cable seal for 8 drops with drop cable termination devices
- Universal splice holder for 12 or 24 splices
- Installation instruction

IFDB-M-XX-X-XX-1

SP Splice version

U Universal splice holder
(12 splices mechanical &
SMOUV or a combination)

U24 Universal splice holder for
24 splices (mechanical and
SMOUV 45)

NN no splitter

14 1:4 splitter

18 1:8 splitter

1 standard screw for access

Minimum order quantity: 16 pcs

IFDB-M-XX/X-X-XX-1

LX1 Xpres-drop UPC (LC footprint)

LX2 Xpres-drop APC 8° (LC footprint)

SX1 SC based Xpres-drop UPC

SX2 SC based Xpres-drop APC

2 # pigtails and adapters

4 # pigtails and adapters

8 # pigtails and adapters

U Universal splice holder (12 splices
mechanical & SMOUV or
a combination)

NN no splitter

14 1:4 splitter

18 1:8 splitter

1 standard screw for access

Minimum order quantity: 14 pcs

Accessories

IFDB-M-DROP-KIT-01 10 drop port extension kits including drop cable seals and drop cable termination devices

IFDB-M-TRU-01 10 "through the wall" drop cable covers

IFDB-KTU Drop cable aramid yarn termination unit (Minimum order quantity: 100 pcs)

CPWO-LABEL-KIT-1000 1000 labels to cover access screw

Fixation bracket

IFDB-M-FIX-01 In-line/butt cable bracket

IFDB-M-FIX-02 Box wall fixation bracket

IFDB-M-FIX-03 Fixation bracket over cable bundle (50 mm high)

Drop cables

OC-CB-DROP-ODB-1F-A 4,9 mm diameter; LSZH jacket material with low bend radius

G657A fiber and aramid yarn as strength element (indoor and outdoor use)

Unit of measure = 1 m

Minimum order quantity = 1000 m

Adapters for IFDB-M-LX

OC-ADP-X1-X1-NNCS-(24) Xpres-DROP LC/UPC (MOQ = 24 pcs)

OC-ADP-X2-X2-NNCS-(24) Xpres-DROP LC/APC 8° (MOQ = 24 pcs)

Ordering example

24 x OC-ADP-X1-X1-NNCS-(24) 1 bag with 24 pcs

For more technical options and order quantity information, please consult the product ordering guides or your local sales representative.

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