Multi-Dwelling Demarc (MDX)

Indoor Enclosures

Patch & Splice Configuration

Patch Only Configuration

The Multi-Dwelling Demarc (MDX) Enclosure is a user friendly easily accessible panel designed for optical tap, breakout, splitter, or pre-term based MDU applications.

Patch & Splice or Patch Only configurations are available.

The Patch & Splice configuration features two different available adapter plate partition configurations. The half width LGX configuration is designed for use with half width LGX adapter plates and cassettes and features removable radius guides and optional fiber management rings for splice side cable subunit slack. The LGX configuration is designed for use with LGX adapter plates and cassettes and has fiber management rings for splice side cable subunit slack.

The patch only configuration features one door and is designed for pre-term or cassette based applications.

The generously sized patch compartment has cable management rings on the back face to organize drop cable slack.

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Features

- Removable double hinged doors enhance access
- Hinged adapter plate partition supports angled or straight orientations for enhanced connector access
- Both doors feature external handles and an internal slot for a removable port identification chart
- Optional 24/48-position microduct coupler plate and 24/48-position cable gland plate attaches to the top or bottom side of the patch compartment
- Patch side features 2-position drop cable or 1” or 3/4” Riser-Gard® innerduct plate and tie down bracket attached to the top and bottom
- Doors are secured separately with a hex bolt and are opened with a 7/16” telco can wrench
- Patch & Splice configuration features hinged removable splice trays sit vertically or at a 45 degree angle for enhanced fiber accessibility
- Patch & Splice configuration features features top and bottom entry grommets for cable securement with cable clamps or Riser-Gard® innerduct securement with hose clamps on splice side

Patch Side Cable Entry

Support for Drop Cables and Innerduct

Optional Drop Cable Cable Gland Entry

Optional Microduct Entry

(925) 447-7500
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Patch & Splice

*96F with 24F LC Compact LGX Splice Cassettes

Specifications

Dimensions (Inches)	16.1” x 20.1” x 6.1” (HxWxD)
Cassette Capacity	Half Width LGX: 6X or LGX: 4X
Patch & Splice Fiber Capacity	48-Fiber Stranded* or 96-Fiber Ribbon
Splice Side Cable Entry	(4) 0.4-1.0” O.D. Cables or (4) 1” or 3/4” Riser-Gard® Innerducts
Patch Side Cable Entry	(4) Grommetted Holes for drop cables or 1” or 3/4” Riser-Gard® Innerducts and support for optional (24/48) Microduct Couplers or (24/48) Cable Glands
Material	1.5mm Thick White Powdercoated Aluminum
Weight (Pounds)	12.0

Hinged Adapter Plate Partition

Double Hinged Removable Doors

Splice Side Cable Entry

Splice Side Supports Multi-Fiber Cables and Innerduct

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Patch Only

Specifications

Dimensions (Inches)	16.1” x 13.0” x 6.1” (HxWxD)
Cassette Capacity	Half Width LGX: 6X or LGX: 4X
Fiber Capacity	48 SC or 96 LC
Pre-Term or Cassette Side Cable Entry	(2) Grommetted Holes for drop cables or 1” or 3/4” Riser-Gard® Innerducts
Patch Side Cable Entry	(4) Grommetted Holes for drop cables or 1” or 3/4” Riser-Gard® Innerducts and support for optional (24/48) Microduct Couplers or (24/48) Cable Glands
Material	1.5mm Thick White Powdercoated Aluminum
Weight (Pounds)	9.0

Hinged Adapter Plate Partition

Angled

Straight

Double Hinged Removable Doors

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Half Width LGX Tap Cassettes Available

Half Width LGX Adapter Plates Available

Half Width LGX 8-Port SC/APC Adapter Plate
P/N: HWLGX-8P-SCA-AP

Accessories

Plate with 48 8/6mm Microduct Couplers
P/N: MDX-48-8/6-MDEP

Plate with 24 8/6mm Microduct Couplers
P/N: MDX-24-8/6-MDEP

Plate with 48 10/8mm Microduct Couplers
P/N: MDX-48-10/8-MDEP

Plate with 24 10/8mm Microduct Couplers
P/N: MDX-24-10/8-MDEP

Plate with 48 12.7/10mm Microduct Couplers
P/N: MDX-48-12.7/10-MDEP

Plate with 24 12.7/10mm Microduct Couplers
P/N: MDX-24-12.7/10-MDEP

Plate with 48 2.0-5.0mm Cable Glands
P/N: MDX-48-M12CGEP

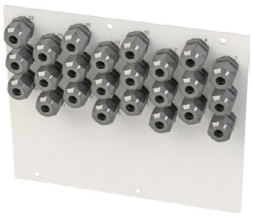


Plate with 24 2.0-5.0mm Cable Glands
P/N: MDX-24-M12CGEP

Plate with 48 Flat Drop Cable Glands
P/N: MDX-48-M12FDCGEP

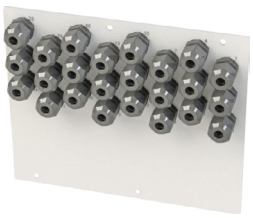
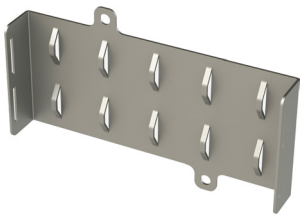


Plate with 24 Flat Drop Cable Glands
P/N: MDX-24-M12FDCGEP



Microduct Tie-Down Wall Bracket
P/N: MDTDWB

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Indoor Enclosures

Part Number

MDX- _ _ _ _ _ _ _ _ _ _ _ _

1 2 3 4 5 6 7 8 9 10 11 12

1 Configuration

PO = Patch Only
PS = Patch & Splice

2 Adapter Plate Style

HWLGX = Half Width LGX
LGX = LGX

3 Adapter Plate Type

06 = 6 Port (SC/FC/ST)
08 = 8 Port (SC/FC/ST)
12 = 12 Port (SC/LC/FC/ST)
16 = 16 Port (LC)
24 = 24 Port (LC)

Note: Only 8 port SC and 16 port LC types are available in half width LGX configurations

4 Adapter Plate Quantity

X = X Plates

5 Adapter Type

SC = SC
LC = LC
FC = FC
ST = ST

5 Polish Type

U = Singlemode UPC
A = Singlemode APC*
M = Multimode PC

*Unavailable for ST

6 Pigtail

N = No Pigtail or Pre-Term
M = 900 µm in Mesh
D = Distribution Style (MIC)
R = Ribbon in Mesh

Note: 3 meter pigtail length is standard

7 Fiber Type

S = SM 9/125µm G.652.D
B = SM 9/125µm Bend Insensitive G.657.A1
1 = MM 62.5/125µm OM1
2 = MM 50/125µm OM2
3 = MM 50/125µm OM3
4 = MM 50/125µm OM4

8 Splice Trays

Leave Blank for Patch Only

0T = 0 Trays
1T = 1 Tray
2T = 2 Trays

*Patch & splice enclosures come standard with 4”x9” hinged splice trays in 24 fiber single fiber fusion or 6 position ribbon fiber mass fusion configurations.

9 Accessory Plates

Leave Blank for No Accessory Plates
Add 24 or 48 for the # of components
Add -T or -B for top or bottom mount

12710MD = 12.7/10mm Microduct Couplers
1008MD = 10/8mm Microduct Couplers
0806MD = 8/6mm Microduct Couplers
CG25 = 2.0-5.0mm Cable Glands
CGFD = Flat Drop Cable Glands

10 Stub Cable Construction

Leave Blank for No Stub

D = Distribution (I or X)
B = Breakout (X)
M = Micro Round (I, X, or O)
L = Loose Tube (X or O)
R = Ribbon (I, X, or O)
F = Flat Drop (Up to 24F) (O)

(I) = Indoor Only
(X) = Indoor/Outdoor Only
(O) = Outdoor Only

11 Stub Jacket Type

Leave Blank for No Stub

Choose 1 Option for Each Feature:
I = Indoor or X = I/O or O = Outdoor
R = OFNR or P = OFNP or L = LSZH*
N = Non-Armored or A = Armored

*Leave Blank for Outdoor Cable

12 Stub Length

Leave Blank for No Stub
Add -PE for a Pulling Eye

XXXF = XXX Feet
XXXM = XXX Meters

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