

# FDM

Fiber Distribution for MDU (Multiple Dwelling Units)



- 72-144 fiber ports
- Enclosures are stackable for more connections
- Clean and easy to follow fiber routing
- Uses industry standard LGX splitters
- Enclosure can be wall mounted or mounted in a 19 inch rack
- Swing out splice tray for easy connection access

**Alpha's FTTX infrastructure solutions are designed from the ground up to meet the unique requirements of FTTX networks. Designed for operational efficiency and scalability, Alpha's FTTX solutions simplify network installation, maintenance and management from the central office/head end to the outside plant.**

The Fiber Distribution MDU (FDM) is designed to meet the needs of diverse markets. The design of the FDM provides for quick and easy connection between fiber optic cables and passive optical splitters in the outside plant, enabling fast service connection and reconfiguration, simplified network installations and improved installation efficiencies in the field.



← Swing out splice tray

Mechanical	
Dimensions H x W x D (in):	26.22 x 21 x 12.4
Access:	Front
Mounting Options:	Wall mount, 19 in rack mount
Feeder Fiber Options:	12F, 24F, 36F (stubs or splice)
Distribution Fiber Options:	72F, 96F, 144F (stubs, splice or MPO)
Maximum Stackable Units:	3

**Model Configuration Guide**

# FDM2011-WE3CQBM-101

Enclosure Mounting
W: Wall
R: 19" rack

Fiber Adapters
E: SC/APC
F: SC/UPC
G: LC/APC
H: LC/UPC

Factory Installed Splitter #
00-09

Input Ports
1: 12
2: 24
3: 36

Distribution Ports
A: 72
B: 96
C: 144

LGX Splitter Type
1: 1x4
2: 1x8
3: 1x16
4: 1x32
5: 2x4
6: 2x8
7: 2x16
8: 2x32

\*RFOG consult factory

Input/Output Fiber Type
N: None
P: Single armor loose tube
Q: Dielectric loose tube
R: Ribbon
S: Armored ribbon
T: Dielectric ribbon

Input Fiber Connection/Stubs
A: 50'
B: 100'
C: 150'
D: Splice
E: Custom

Output Fiber Connection/Stubs
A: 50'
B: 100'
C: 150'
D: Splice
E: Custom
M: MPO

**LGX Splitters**



Uses industry standard LGX splitters

**Stackable Units**



Stack up to three units to add more connections



**Worldwide Corporate Offices**

North America  
Tel: +1 360.647.2360  
Fax: +1 360.671.4936

Europe  
Tel: +49 9122.79889.0  
Fax: +49 9122.79889.21

Latin America  
Tel: +561 792.9651  
Fax: +561 792.7157

Asia Pacific  
Tel: +852 2736.8663  
Fax: +852 2199.7988

