

# Fiber Distribution Enclosure

FTTX Infrastructure Solution



- 96-576 fiber ports
- Multiple enclosures to fit different configurations
- Clean and easy to follow fiber routing
- Uses industry standard LGX splitters
- Ground mount and pole mount configurations.

**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 Enclosure (FDE) is designed to meet the needs of diverse markets. The design of the FDE 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.



Mechanical	Small	Medium	Large
Dimensions H x W x D (in):	30 x 28 x 18	30 x 38 x 18	30 x 38 x 36
Maximum Fiber Count:	72-144 homes	144-288 homes	432-576 homes
Access:	front and rear	front and rear	front and rear
Mounting Options:	ground, pole	ground	ground
Splitter Slots:	15	15	30
Cabinet Entry/Exit Location:	bottom	bottom	bottom

## Model Configuration Guide

# FDE3018-38-EE4DQB-101

Enclosure Depth
18-288 Ports Max
36-576 Ports Max

Equipment Enclosure Size
28-28"
38-38"

Enclosure Mounting
G: Ground 6" Pedestal
E: Ground 12" Pedestal
P*: Pole

\*limited to 144 only

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

Input Ports
1: 12 Position
2: 24 Position
4: 48 Position
7: 72 Position
9: 96 Position

Distribution Ports
A: 72
B: 96
C: 144
D: 288
E: 432
F: 576

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

\*\*RFOG consult factory

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

Fiber Type
N: None
P: Single Armor Loose Tube
Q: Dielectric Loose Tube
R: Ribbon
S: Armored Ribbon
T: Custom



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