Aerial Fiber Distribution Enclosure

A BELDEN BRAND

Features & Benefits

- Designed for aerial FTTH applications
- Indoor and outdoor, pole or wall mounted
- Two sizes (Medium and Large)
- Separated splice and patch areas
- Up to 36 splices and 32 LC / 16 SC connections
- Support for PLC splitters (1x8 and 1x16)
- Three feeder cable ports (max 14mm diameter)
- Up to 32 drop cable ports (max 5mm diameter)
- Extremely compact and with a low footprint, PIA compliant
- Designed to meet IP65
- Available with mounting bracket, PIA compliant, supporting up to 30m cable slack storage as accessory



Overview

The Aerial Fiber Distribution Enclosures is a robust, flexible and compact enclosure for various application cases in FTTH deployment, including but not limited to pre-terminated drop or ADSS cables with a max capacity of 32 drop cable ports. In this enclosure, drop cables, patch area and splicing area are separated to allow for an easier and smoother installation in the field (with or without the usage of 1x8 or 1x16 splitters).

Both the medium and large versions have a low footprint and are PIA compliant. The optional mounting bracket accessory allows for slack storage of 30m of cable.

Mechanical Data

Dimensions (H x W x D)	Material	Weight
Medium: 281 x 177 x 80mm (11.06 x 6.96 x 3.14 inch) Large: 281 x 177 x 102mm (11.06 x 6.96 x 4.01 inch)	PC + ABS, UV stable	1,1 kg (2,42 lbs) for both Medium and Large versions

Connectivity	Splice capacity (max)
Medium: 8 SC/APC simplex / LC/APC duplex adapters Large: 16 SC/APC simplex / LC/APC duplex adapters *Both compatible with common fiber optic connectors	36 splices for both Medium and Large versions

PLC splitters	Cable entries
1x8, 1x16	Feeder Cable ports: 3x 14mm max Drop cable ports: 32x 5mm max

Environmental Data

Operation temperature	2011/65/EC ROHS	Environmental protection
-40°C to 65°C (-40 to 149°F)	Fully Compliant	Designed to meet IP65

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Ordering Information

Example	AE-	M	L	A	0	6	0	H	1	1	0	4	3	C
		1	2			3		4	5			6	7	8

1 Terminal Size
L = Large
M = Medium

2 Adapters Type
SA = SC Simplex APC Green
LA = LC Duplex APC Green
NN = No Adapters

3 Adapters Count and Piugtails
000 = No adapters, no pigtails
080 = 8 adapters, no pigtails
160 = 16 adapters, no pigtails
081 = 8 adapters with pigtails
161 = 16 adapters with pigtails

4 Splice Tray Type
H = 12F Heat Shrink
C = 12F Crimp Shrink
X = No Splice Trays

5 Number of Splice Trays
X = No Splice Trays
1 = 1
3 = 3

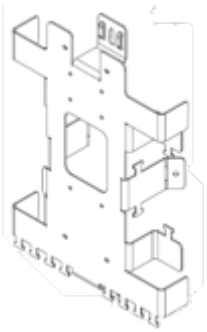
6 PLC Splitter
000 = No Splitter
102 = 1x2
104 = 1x4
108 = 1x8
116 = 1x16

7 Number of PLC Splitter
0 = No Splitter
1 = 1
2 = 2
3 = 3

8 Type of PLC Splitter
B = Bare fiber
C = Connectorized

Accessories

Part Number	Description
X13350	Pole Mount Bracket, PIA compliant, up to 30m cable slack storage, 400 x 250 x 45mm



These products may be protected by one or more patents. For further information, please visit: www.ppc-online.com/patents

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