Sapphire™ Outdoor Micro Distribution Enclosure

Features & Benefits

- Extremely compact IP-68 footprint
- Indoor/Outdoor, wall mount, pole mount, access chamber mount
- One input port and two output ports
- Spliced or pre-terminated drop cables
- SC or LC pigtails and adapters



Overview

The Sapphire™ Outdoor Micro Demarcation Enclosure is an outdoor fiber enclosure, designed especially for last-mile FTTH connections.

Smaller than any other product with similar functionality and capacity, the Outdoor Micro Demarcation Enclosure supports a wide range of applications, including direct splicing, pre-terminated, splitting, emergency repair and other custom options.

Designed to meet IP-68 requirements for below ground installations, the Sapphire Outdoor Micro Demarcation Enclosure provides reliable protection for the fiber connections inside. Its fully mechanical sealing allows quick and easy servicing and re-entry for adding new subscribers.

Feature rich and modular, the Outdoor Micro Demarcation Enclosure comes with everything that is needed for installation – cable glands, storage basket for uncut tubes, splice tray for six splices and bulkhead bracket for two SC Duplex adapters.

Mechanical Data

Dimensions (H x W x D)	Material	Weight
208 x 136 x 62mm (8.18 x 5.35 x 2.44 inch)	PC + PBT	550g (1.2 lb)

Connectivity	Cable ports	Splice capacity (max)
2x SC Duplex or 1x LC Quad adapters	3x cable ports (1x input, 2x output): 5mm ≤ cable or mini-tube OD ≤ 10mm	6 fibers + mini-PLC splitter

Environmental Data

Operation temperature	2011/65/EC ROHS	Environmental protection
-40°C to 65°C (-40 to 149°F)	Fully Compliant	Designed to meet IP68

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Ordering Information

Example	OMDE	0	2	D	1	4	6	1	3	2		A
		1		2		3			4		5	6

1 Drop Cable Capacity

02 = Two drop cables

2 Drop Cable Type

D = Round 5-10 mm

3 Adapter Type and Count

121 = 1xLC Quad green
146 = 1xSC Duplex green
246 = 2xSC Duplex green
EMPTY = None

4 Pigtail Type and Count

212 = 2xLCAPC G657a1
412 = 4xLCAPC G657a1
132 = 1xSCAPC G657a1
232 = 2xSCAPC G657a1
EMPTY = None

5 PLC Splitter

A = 1x4, bare fiber for splicing
EMPTY = None

6 Logo and Configuration

A = PPC logo, heat shrink
B = PPC logo, crimp splice tray

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