

# Sapphire™ Versatile Enclosure



## Features & Benefits

- Compact, light and robust enclosure for wall mounting
- Provides splice and/or patch capability for the fiber cable entering the dwelling units
- Capable of terminating up to 8 fibers
- Enables slack cable management of up to 20 metres (65ft) of 3mm Miniflex® and up to 40 meters of 2mm Miniflex
- Reversible lid for left/right side hinging
- Accommodates can-wrench lock & additional padlock
- IP55 and IK07 rating
- Available in three colors (Grey – RAL 7035, Black – RAL 9005, Brown – RAL 8017)



## Overview

The Sapphire™ Versatile Enclosure is a compact and robust enclosure acting as a demarcation point between the OSP network and the internal dwelling units ONT connections, allowing for the termination of up to 8 fiber drop cables.

The enclosure provides splice and/or patch capability with up to 4 SC simplex or LC duplex adapters. It's designed with a reversible lid for left/right side hinging, which makes installation easier for crews working in challenging and crowded environments.

The enclosure has a rotating wheel for slack cable management of up to 20 metres (65 ft) of 3mm Miniflex, which significantly reduces OpEx. The rotating reel can be spun in either in clockwise or counter clockwise direction. The spool can also be locked to prevent the cable from de-spooling.

## Application

The Sapphire™ Versatile Enclosure was developed to be installed outside the subscribers' dwelling units in FTTH and FTTB applications.

## Technical Data

Dimensions (L x W x H)	Material	Connector Type	Adapter Capacity
218,4 x 184,4 x 55,7 mm (8.6 x 7.3 x 2.2 in)	PC	SC APC simplex LC APC duplex	4

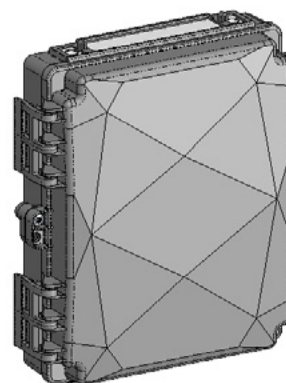
Fiber Capacity	Fiber Category	Insertion Loss	Return Loss
8	Single mode (9/125µm) G657.A1 or G657.A2	≤ 0,20 dB Single mode (APC) ≤ 0,30 dB Single mode (UPC)	≥ -50,0 dB Single mode (UPC) ≥ -60,0 dB Single mode (APC)

Cable Entries / Outputs	Splice Capacity
2 ports for 8mm cable / duct each 2 ports for 6x 3mm cables each	2 splice holders for 12 splices each

# Sapphire™



## Technical Drawings



## Ordering Information

### Example

$$\text{SDB-} \frac{\boxed{\text{S} \quad \text{C} \quad \text{A} \mid 2}}{\begin{matrix} 1 & 2 \end{matrix}} - \frac{\boxed{\text{B} \quad \text{R} \quad \text{N}}}{3}$$

1	Adapter	2	Adapter Quantity	3	Color
	SCA = SC simplex APC LCA = LC duplex APC		1 = 1 2 = 2 4 = 4		GRY = Grey BRN = Brown BLK = Black