

# MCPE-02

## End User Terminating Box

### Description:

The OPTOKON **MCPE-02** box introduces the wall mount, two fibers box, which is designed for optical cable termination in the customer premises – end user site in FTTH projects. The MCPE-02 box includes the holder for two splice protection sleeves. The internal fiber guides ensure the arrangement of the fiber reserve and its protection against smaller bending radius than allowed.

The **MCPE-02** allows installation of two SC single coupling adapters.



*MCPE-02 with two SC pigtails*

### Features:

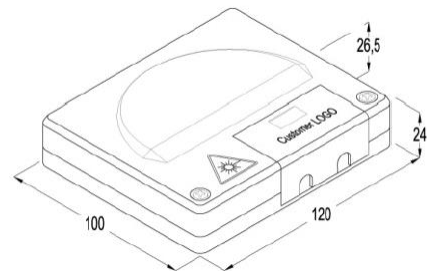
- Small dimensions
- Easy access to fibers
- Protection of connectors against damage
- Standard SC single or duplex adapters

### Application:

- FTTH projects
- Data networks
- Optical fiber CATV connections

### Technical specifications:

Material	ABS
Colour	Grey (RAL 7035) or White (RAL 9010)
Operating temperature	-40°C to +75°C (acc. EN 60068-2-1 and EN 60068-2-1)
Flammability	UL94 HB
IP Protection class	IP42 (according IEC 60529)
Dimensions	120 x 100 x 26.5 mm (LxWxH)
Weight	95 g (without adapters and pigtails)



### Versions:



*MCPE-02-SC A/SC S-A  
two single adapters*



*MCPE-02U storage box*

### Standard accessories:

MCPE-02 body, Cover, Splice cassette, Lid, Cable ties - 2 pcs  
Mounting screws, wall plastic plugs

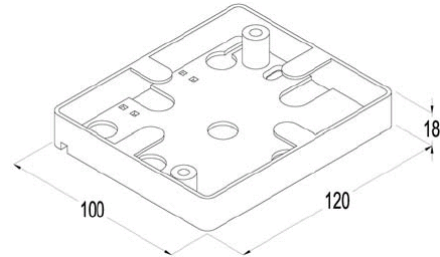
## Optional:

### MCPE-02U Storage Box

The Storage box is mounted between the wall outlet and the wall. Is designed for overlength storage of the income cable which will be feed into the wall outlet. The storage box can accommodate an overlength of 4 meters (duplex cable) or 8 meters (simplex cable) and assures through its shape a minimal bending radius of 30 mm.

### Specifications

Material	ABS
Colour	Grey ( RAL 7035) or White (RAL 9010)
Storage capacity	4 meters (duplex cable) 8 meters (simplex cable)
Dimensions	120 x 100 x 18 mm (LxWxH)
Weight	40 g



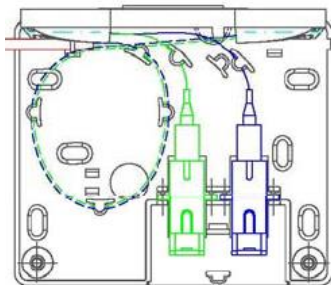
<b>Pigtails<sup>1</sup>:</b>	USC-09 SM-PS-001	SC/PC, SM ultra polished, semitight, 1 m length
	NSC-09 SM-PS-001	SC/APC, SM angle polished, semitight, 1 m length
	ULC-09 SM-PS-001	LC/PC, SM ultra polished, semitight, 1 m length
	NLC-09 SM-PS-001	LC/APC, SM angle polished, semitight, 1 m length

<b>Adapters<sup>1</sup>:</b>	A-SC/PC-01-01 BL-01	SC/PC blue, zirconia sleeve
	A-SC/APC-01-01 GR-01	SC/APC green, zirconia sleeve
	A-LC-D/PC-01-01 BL	duplex LC/PC blue, zirconia sleeve

**Splice protection sleeves:** For up to 2 splice protection use standard sleeves P-A-40

*Note: 1) Other types on request*

## Installation:



MCPE-02-SC A/SC S-A  
two SC pigtails

*Closed MCPE-02*



## Ordering Code:

MCPE-02 -

XXX X

-

X

Coupling type			
<b>SC</b>	SC	<b>M</b>	Multimode
<b>DLC</b>	duplex LC	<b>S</b>	Singlemode
<b>NC</b>	no connectors	<b>A</b>	APC

Splice number	
<b>A</b>	standard (1-2 sleeves)