

MCPE-01T

End user terminating box

Description:

Wall outlet **MCPE-01T** box is designed for FTTH applications, it is used to terminate optical cables to pigtails at customer premises. It is mounted on the wall. **The MCPE-01T** provides mechanical protection and managed fiber control in an attractive format. The cable is fed to the wall outlet from top side, bottom side or from the back. A patchcord leads from the wall outlet to the active equipment (CPE – Customer Premises Equipment). The **MCPE-01T** allows installation of one or two adapters, based on standard SC footprint.

Features:

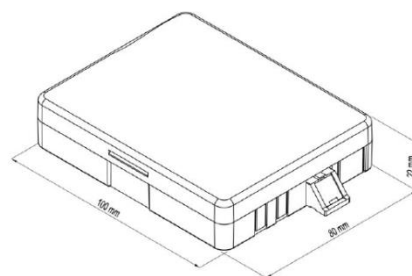
- Hinged/detachable splice cassette
- Detachable cap
- One or two SC adapters
- Compact design
- Separate fiber guiding
- Suitable for heat-shrinkable splice-protection as well as for mechanical splice protection



MCPE-01T box

Technical description:

<i>Material</i>	ABS
<i>Color</i>	White (RAL 9010)
<i>Operating temperature</i>	-40 to +75 °C (acc. EN 60068-2-1 and EN 60068-2-1)
<i>Flammability</i>	UL94 HB
<i>IP Protection class</i>	IP42 (according IEC 60529)
<i>Dimensions</i>	100 x 80 x 22 mm (LxWxH)
<i>Weight</i>	60 g (without adapters and pigtails)



Standard accessories:

MCPE-01T body
Cover
Splice cassette
Cable ties, 2 pcs
Mounting screws, wall plastic plugs



Ordering Code:

MCPE-01T	-	X¹	-	XX²-X(/Y³)
		Fibers 1 - 4		Adapters type
			SC	SC
			DLC	duplex LC
			M	Multimode
			S	Singlemode
			A	APC

Note: 1) SC connectors up to 2 fibers, LC up to 4 fibers
 2) Others types on request
 3) Options for two different adapters in box:
X – Type on left side
Y – Type on right side
 (Example of code: MCPE-01T-2-SC-S/A)

Optional parts of terminating box:

Adapters:

A-SC/PC-01-01SI BL-02 RAL 5012 - SC/PC adaptor, zirconia sleeve, plastic body, blue RAL 5012, metal clip, without flange, with inner shutter
 A-SC/APC-01-01SI GR-02 RAL 6018 - SC/APC adaptor, zirconia sleeve, plastic body, green RAL 6018, metal clip, without flange, with inner shutter
 A-LC-D/PC-01-05SI BL RAL 5012 – DLC/PC adaptor, zirconia sleeve, plastic body, blue RAL 5012, metal clip, without flange, with inner spring shutter
 A-LC-D/APC-01-05SI GR RAL 6037 - DLC/APC adaptor, zirconia sleeve, plastic body, green RAL 6037, metal clip, without flange, with inner spring shutter

Pigtails:

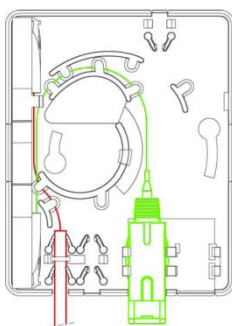
USC-09 S7A-PS-001 - SC/PC, SM ultra polished, semitight, 1 m length
 NSC-09 S7A-PS-001 - SC/APC, SM angle polished, semitight, 1 m length
 ULC-09 S7A-PS-001 - LC/PC, SM ultra polished, semitight, 1 m length
 NLC-09 S7A-PS-001 - LC/APC, SM angle polished, semitight, 1 m length

Splice protection sleeves:

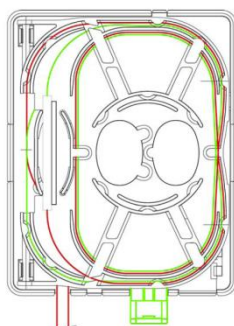
According to pigtails ordered, 40 mm recommended

Application diagram:

The pictures below present entrance of installation cable to wall outlet and routing of excess cable inside splice cassette and "Cold Splice Protector".



MCPE-01T-1-SC-A with installed SC/APC pigtail



MCPE-01T-1-SC-S