UPMK-Panda

Bracket Kit

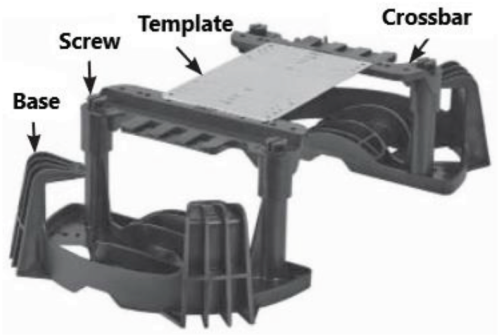
Instructions

(August 2020)

GK-U1493.00.000-02 IM/ ENG

The UPMK-Panda bracket kit (hereinafter referred to as the device) is intended for installation of excess lengths of aerial or indoor fiber optic cables, and for installation MCO-P1, MCO-P2 and MCO -P3 terminal closures.
The device design provides the fastening:
- to flat surfaces through the holes in the base of the device using self-tapping screws with a diameter of 6 mm, 50 mm long (not included) or anchor bolts;
- to the surface of the pole with the use of steel pole band LM-0.8x20 (mounting tape) and buckles (not included);
The device consists of:
- base (2 pcs.; for fastening the closure and the cable stock to the pole or wall);
- crossbars (2 pcs.; for fastening a closure);
- plastic screw (4 pcs.; for fastening the crossbar to the base);
- template (to set the required distance between the halves of the bracket base for different closures types ;
The general view of the assembled device is shown in Fig. 1. The UPMK-Panda delivery options are shown in Table 1.

Additional materials of the product and materials used during the installation of the device:



- steel pole band LM-0.8x20;
- buckle for band locking;
- vinyl insulating tape LV1 SSD (hereinafter - vinyl tape). Not included in the delivery set.

Safety rules.

Please refer to your local safety requirements during an installation work on fiber optic transmission lines.

Installation of the device

A Preparation work.

Preparation work must be performed before leaving the construction site (before the device installation),

Table 1

Delivery kit	UPMK-Panda kit	UPMK-Panda base	Closure Installation kit for UPMK-Panda	UPMK-Panda kit with template for closures Installation	The template for closure Installation on UPMK-Panda
Base, pcs	2	2	-	2	-
Crossbar, pcs	2	-	1	2	-
Screw, pcs	4	-	2	4	-
Template, pcs	-	-	-	1	1

4. Place excess length of cable with coils in the regular places of the UPMK base.

5. Secure cable coils to the base by passing the plastic ties (available in a kit) through the fixing holes of the device base.

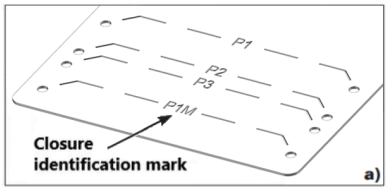
in accordance with the requirements of the design and regulatory documentation.

1. Familiarize you with the layout of the closure location on the section of the cable transmission line.
2. Check the completeness of the device delivery in accordance with the operating documents (passport).
3. Check the availability of tools, fixtures and devices should be used for the device installation.

B Installation of the device

The instructions describe the installation of the device on a round reinforced concrete pole using a steel pole band and buckle.

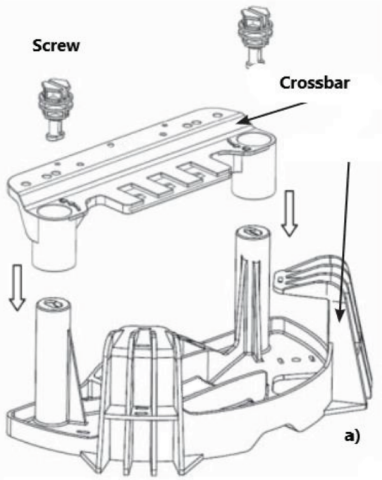
1. Attach the template (Fig."a") to each crossbar with self-tapping screws (4 pcs. from the scope of delivery; Fig."b") through holes in accordance with the closure type.

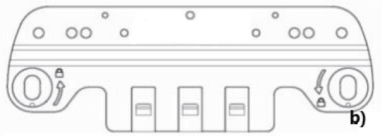


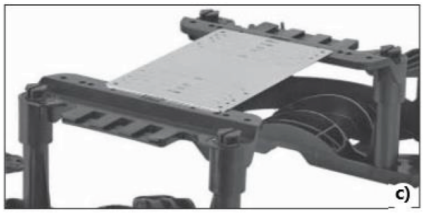
Note: During the installation process, it is recommended to use a template that ensures the correct selection of the required distance between the base halves for different types of closures.

2. Attach the crossbars and template to each part of the base using the captive screws installed in the crossbars.

- install the crossbars assembled with a template to the regular places of the base parts (Fig."a");
- engage by turning each screw in the direction indicated by the arrow on the crossbar (Fig. "b" and "c")



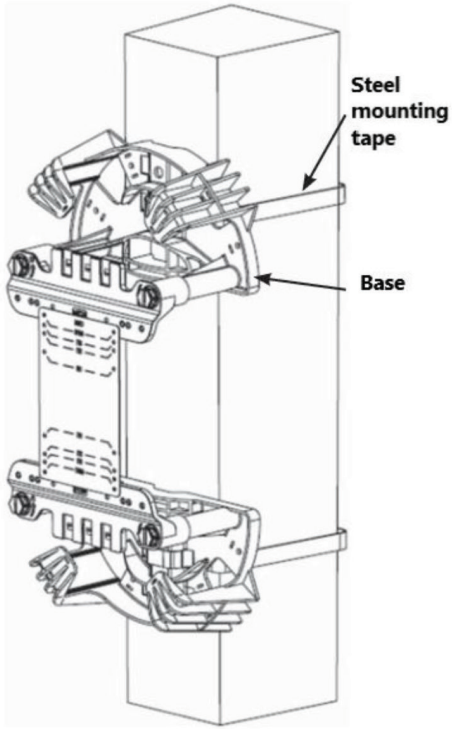




Note: On delivery, the screws are installed in the original positions of the crossbar.

3. Attach the assembled device to the pole (mounting scheme in the figure) in accordance

with your local accepted technology.



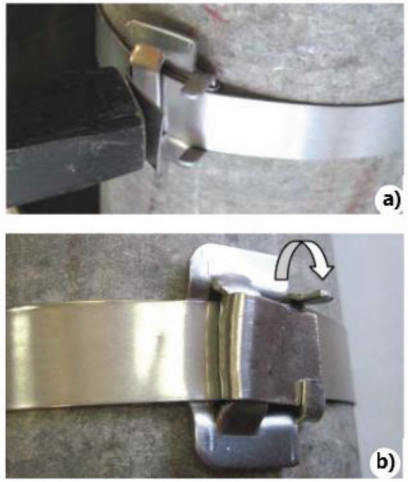
3.1 Measure the pole diameter / perimeter. Cut two pieces of the required length of the pole band with the Band Tension Tool. Take into account the required overlap length of about 200 mm.

3.2 Insert pieces of pole band into the grooves of the base (Fig. "a") to attach the base to the pole. Slide the mounting buckle onto each piece of tape. Trim the excess tape length using a Band Tension Tool, where a tape cutter is provided.

Install the device on a pole in accordance with the project documentation. Pull the mounting band by hand through the buckle.

Note: For more tight tension of the pole band around the pole use Band Tension Tool. Turn the flywheel clockwise until it stops.

3.3 Bend a piece of band to it surface coming out of the buckle (Fig."a") using a hammer. Bend the clamps of the buckle (Fig. "b")



4. Detach the crossbars with the installed template from the base by turning the screws alternately in the direction opposite to indicated on the crossbar.

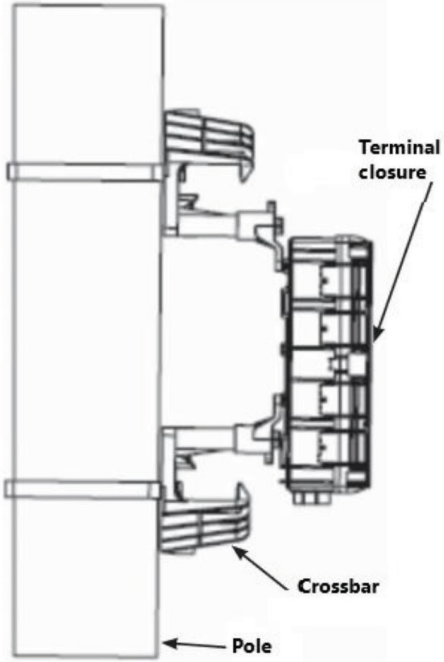
5. Detach the template from the crossbars by unscrewing the screws.

C Placement of cable excess length into the device and attachment the closure to the device.

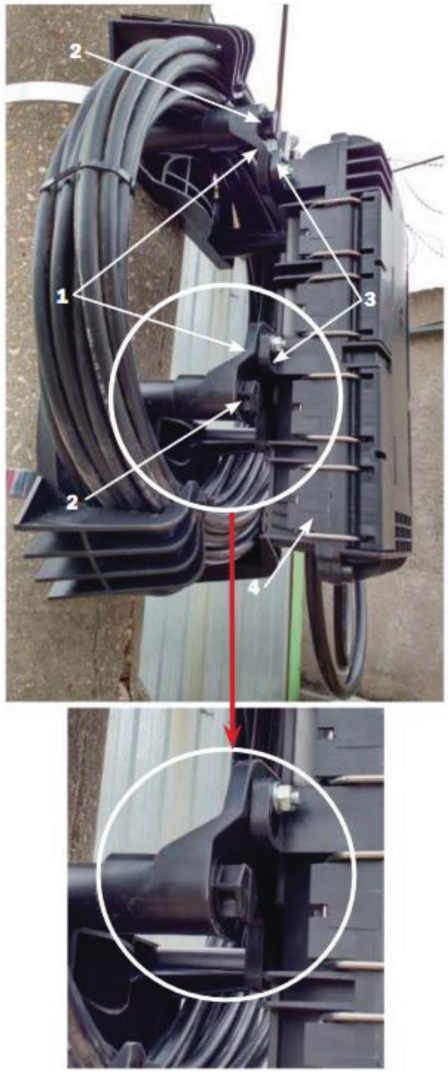
The reserve of cable lengths must be at least 15 m on each side of the cable suspension level. Collect in a bundle the ends of the cables descending from the support and fasten them together with a vinyl tape along entire length with a step of 0.5 m.

1. Attach a MCO-P closure to the crossbars using self-tapping screws or bolts with nuts (4 pcs; not included in the delivery set).

2. Scheme of pole installation of the MCO-P closure.



3. Install the coupling (attached to the crossbars) to the base halves using screws in accordance with point 2, section B of this manual.



1- Crossbar
2- Captive screw
3- Fastening eyelet for closure installation
4- Terminal closure