COMTECH
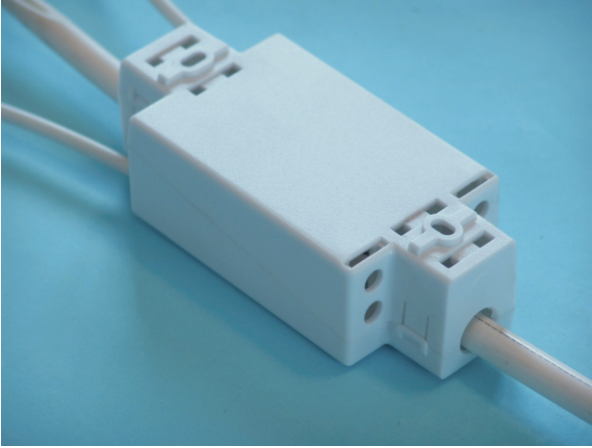
FOS-16
installation guide

Fiber optic distribution box FOS-16 designed for optical fiber separating from vertically placed riser cable in apartment house stairways, as well in other cases when riser cable is needed to distribute into separate fibers for end users.
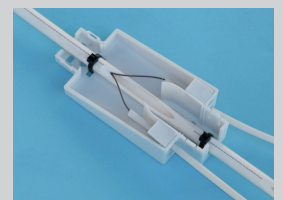
Distributor with cable strips are fixated with 10 mm or 15 mm thick optical cable and are covers partition. It is possible to lead out up to four fibers in every direction, up or down. Outgoing fibers are fixated with 5 mm plastic cover tubes. Plastic cover tubes are fixated in the distributor with cage washers which ensures strong fixation.
Distributor consists of two identical details which fixate together without screws.
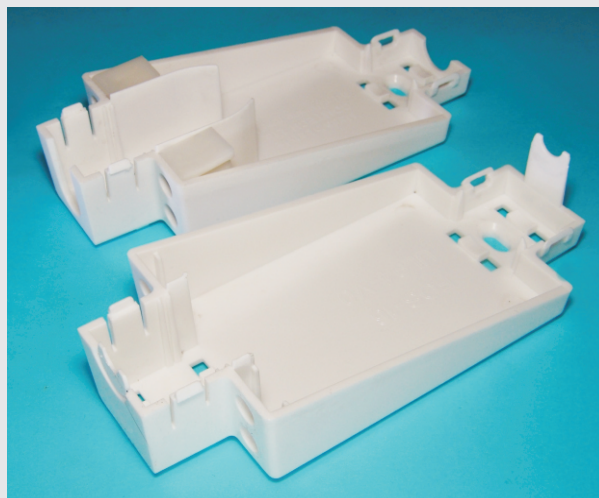
Technical specification:

Thoroughgoing cable diameter: 6 / 15 mm
Outgoing cover tube diameter: 5 mm
Number of outgoing connections: 4 (with extra fastening set - 8)
Size: 130x60x39 mm
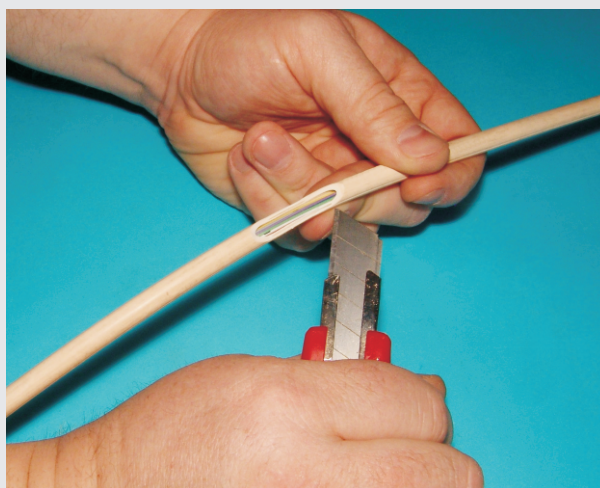Weight: about. 75 grams

Installing sequence

1

Unpack fiber-optic distribution box FOS-16.
At the box you will find body of FOS-16
distributor which is consist of two identical parts
which are fixating each other without screws.
At the bottom of distributor you will find four
cage-washers, devised fixation for 5 mm
plastic tubes. In the distribution box package
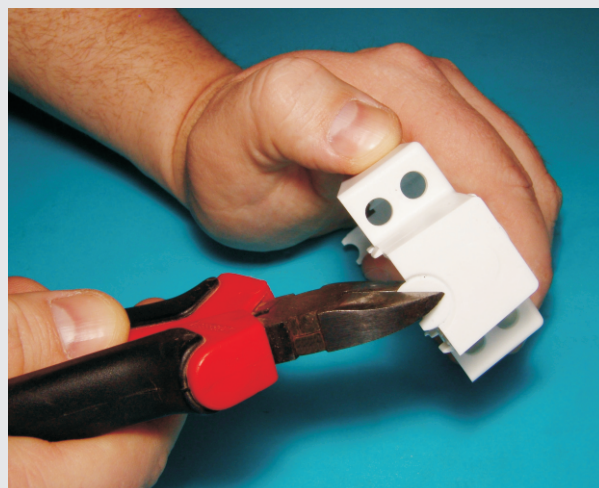You will find also 4 plastic cable ties 203x2.5 mm.

2

Carefully make the 5cm long cut in the riser
cable to access the fibers.

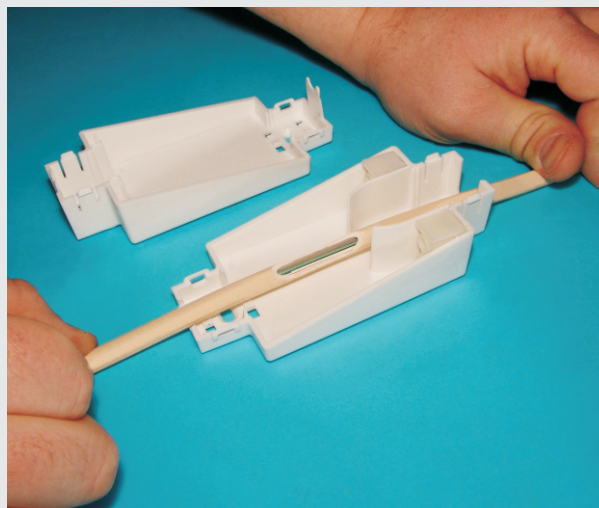Beware of damaging fiber and use just dedicated
tools!

3

Make the hole at the bottom of the body to fit
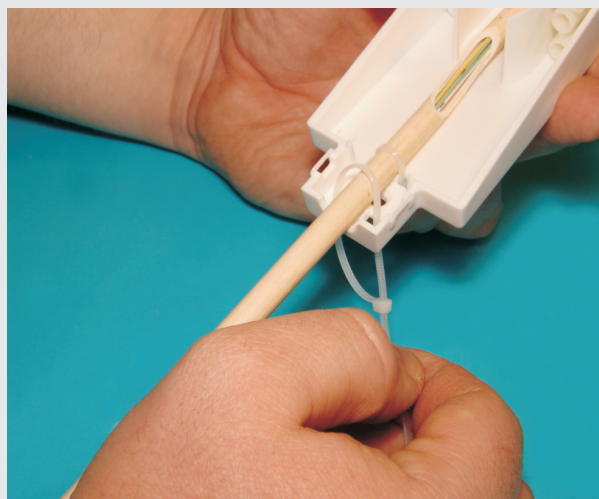cable thickness.

4

Fixate the body of FOS-16 distributor bottom part in front of cut done before.

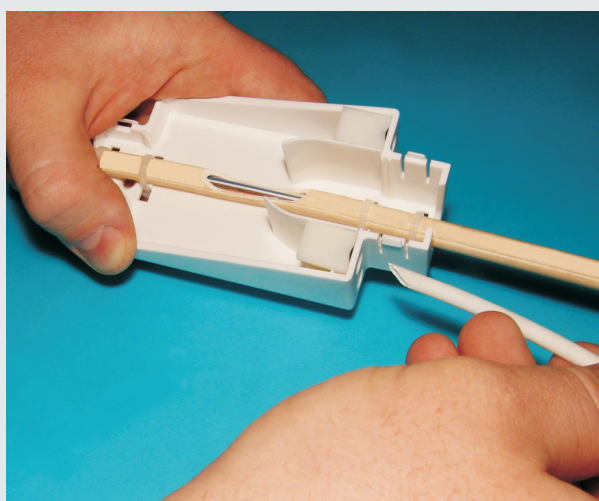Please take into account that cut must be faced up !

5

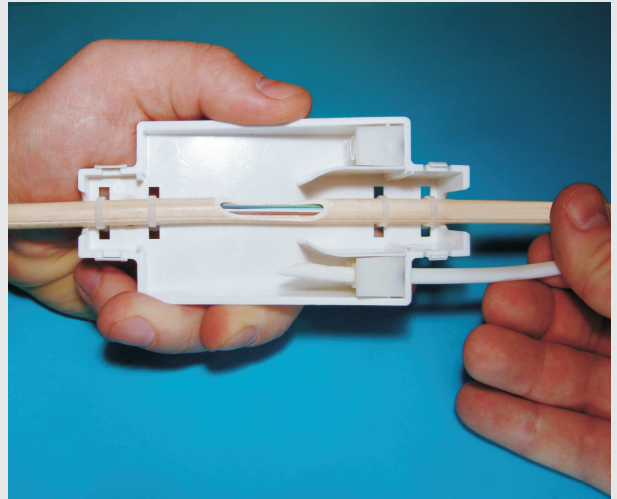Fixate distributor FOS-16 bottom with four plastic cable ties.

6

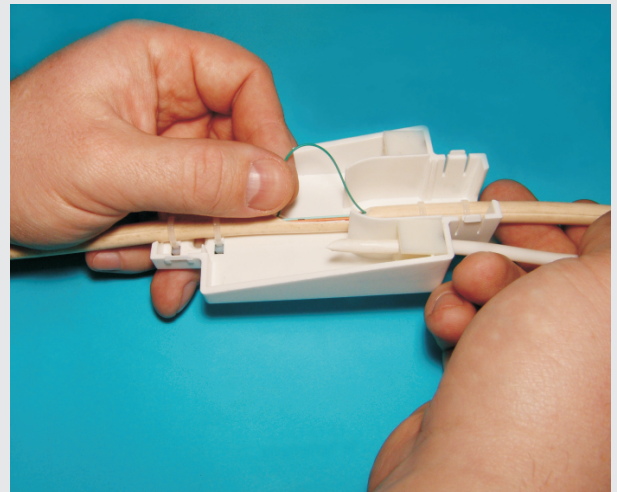Cut the end of 5 mm plastic tube close to 45 degree angle.

6

Stick-in plastic tube in one of four devised holes. Fixate plastic tube with cage-nut.
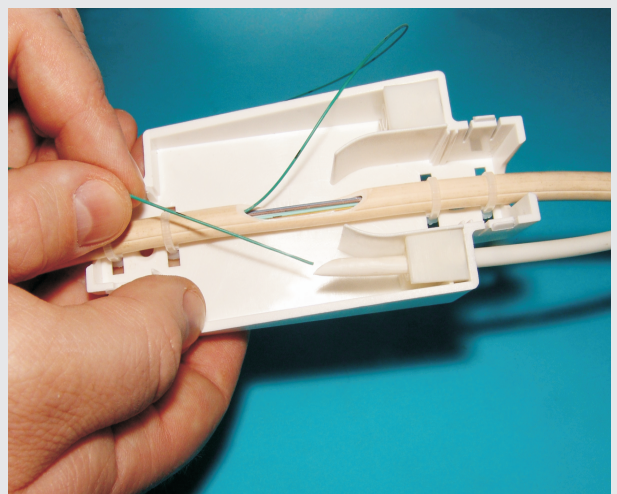

7

Carefully take one of optical fiber out of vertical riser cable.
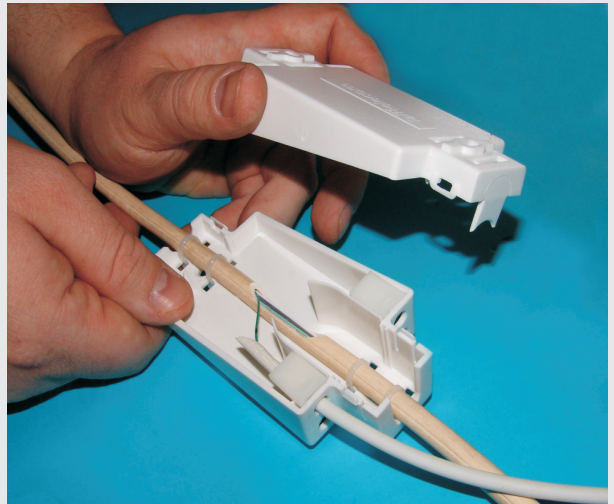

8

Carefully take removed optical fiber and move-in into plastic tube. In case of necessity use proper tool.
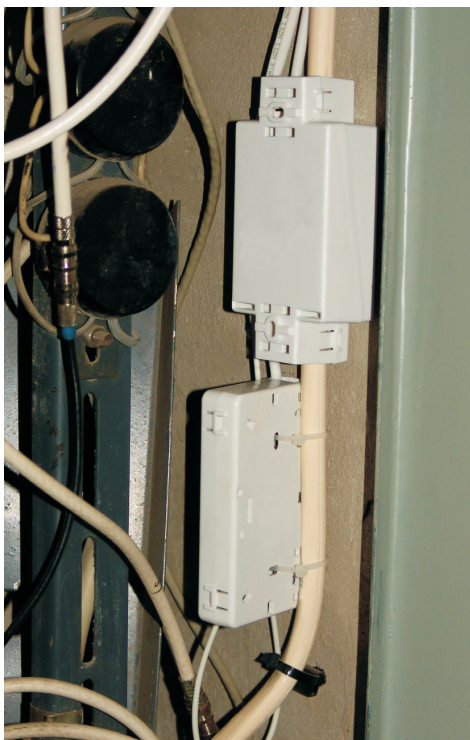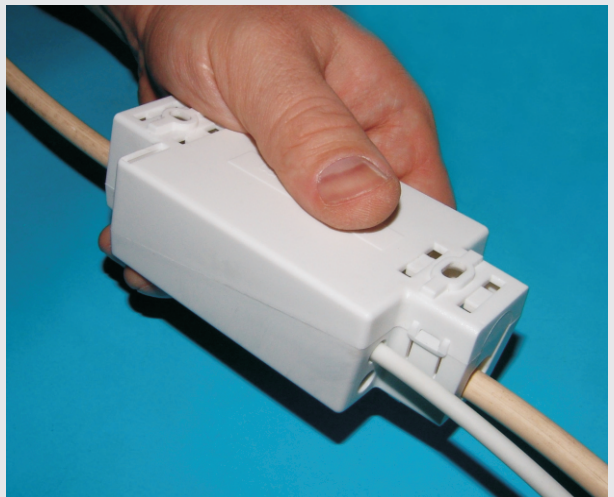
9

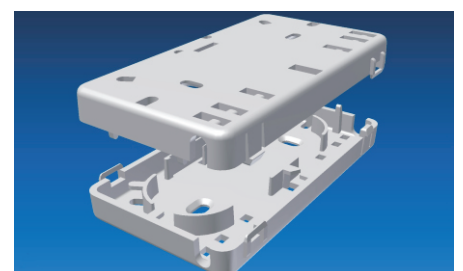Cover distribution box FOS-16 with another part.

10

Squeeze both parts of the body until you heard "lock" sound. Please check the fibers that they are not coming out of coupling places.
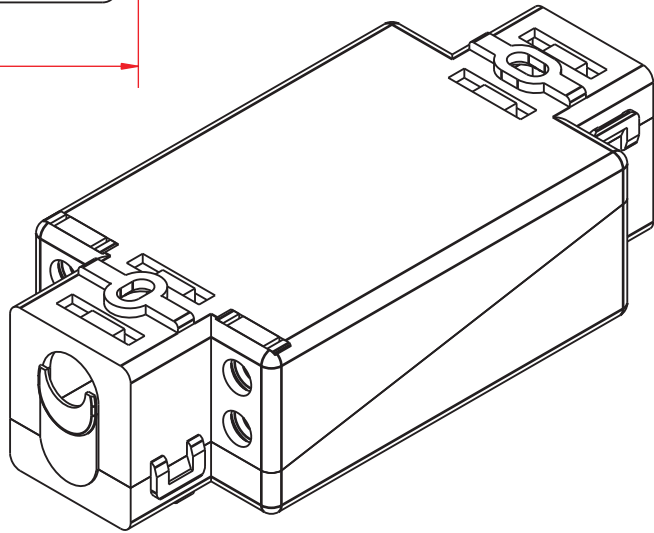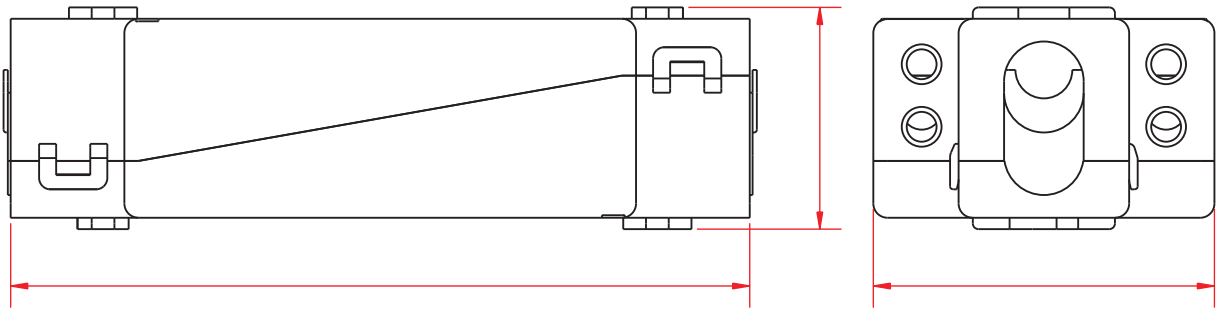

When installation complete, put the optical cable with fixed distributor FOS-16 to distribution cabinet (switchboard).

Fiber optic distribution box FOS-16 devised for GPON technology optical fiber separating and provides access to each subscriber. It is cost effective solution especially for apartment houses. For fiber-optic connection and extension we are proposing splicing protection boxFOS-18, which is devised for 1-2 fiber-optic connections placed into 5 mm plastic tubes.

Combining both products you can make quick and price-performance FTTH solution – at least one optical fiber for each subscriber.

FOS-18

				Date	Name		
			Drawn	2013.05.31.	Martins		
			Checked				
			Standard				

FOS-16

1

A4