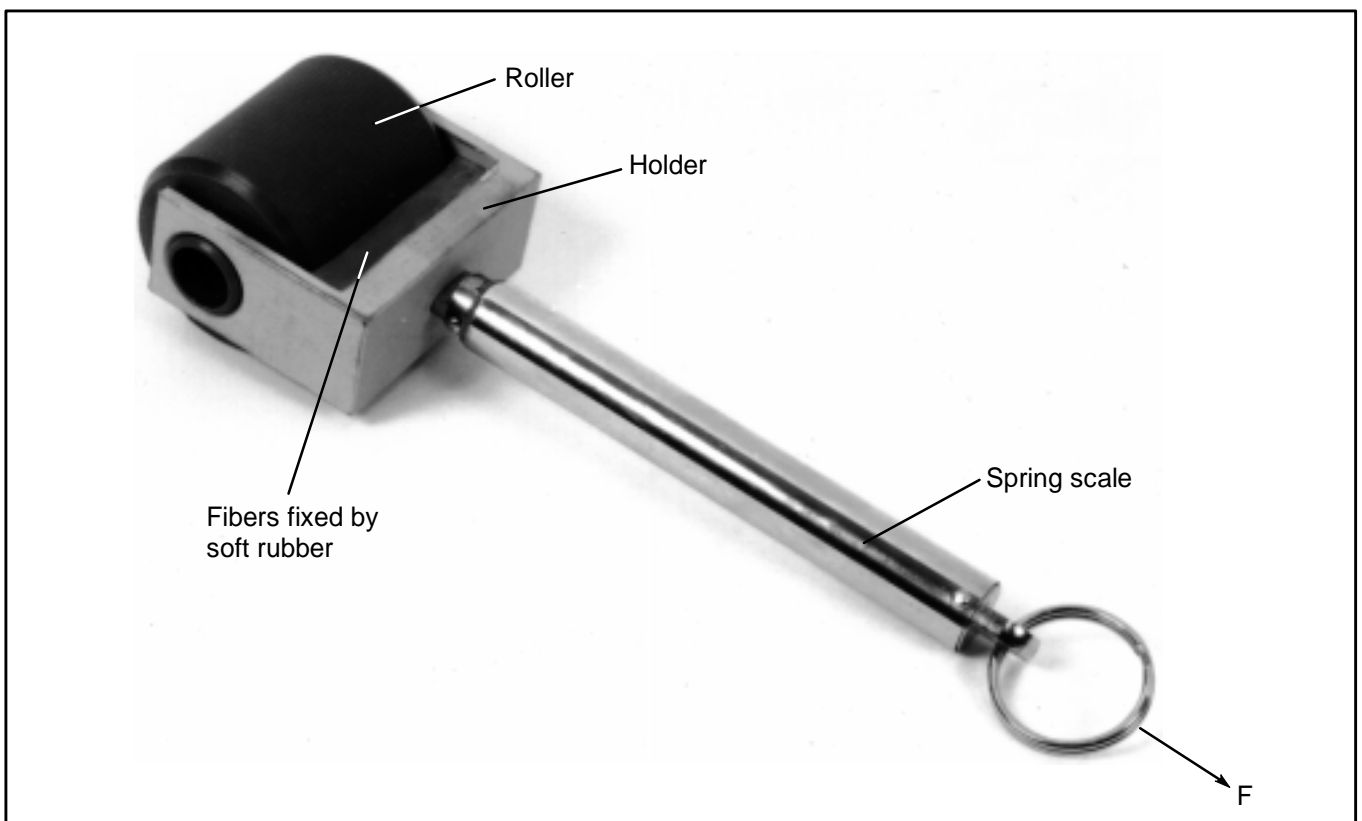


# Installation Instructions

## Fiber Overlength Pulling Device



### 1. Application

In order to eliminate the possibility of increased attenuation in the fibers of maxibundle cables which are not supported or terminated, the critical fiber overlength is removed with the device illustrated above.

Mode of operation of the device:

The cleaned fibers are wound onto a roller which is then pressed against a soft rubber pad when it is engaged in the holder. The fiber bundle is then pulled tight for a defined time with the tensile force applied via a spring scale.

Examples of possible critical cable runs:

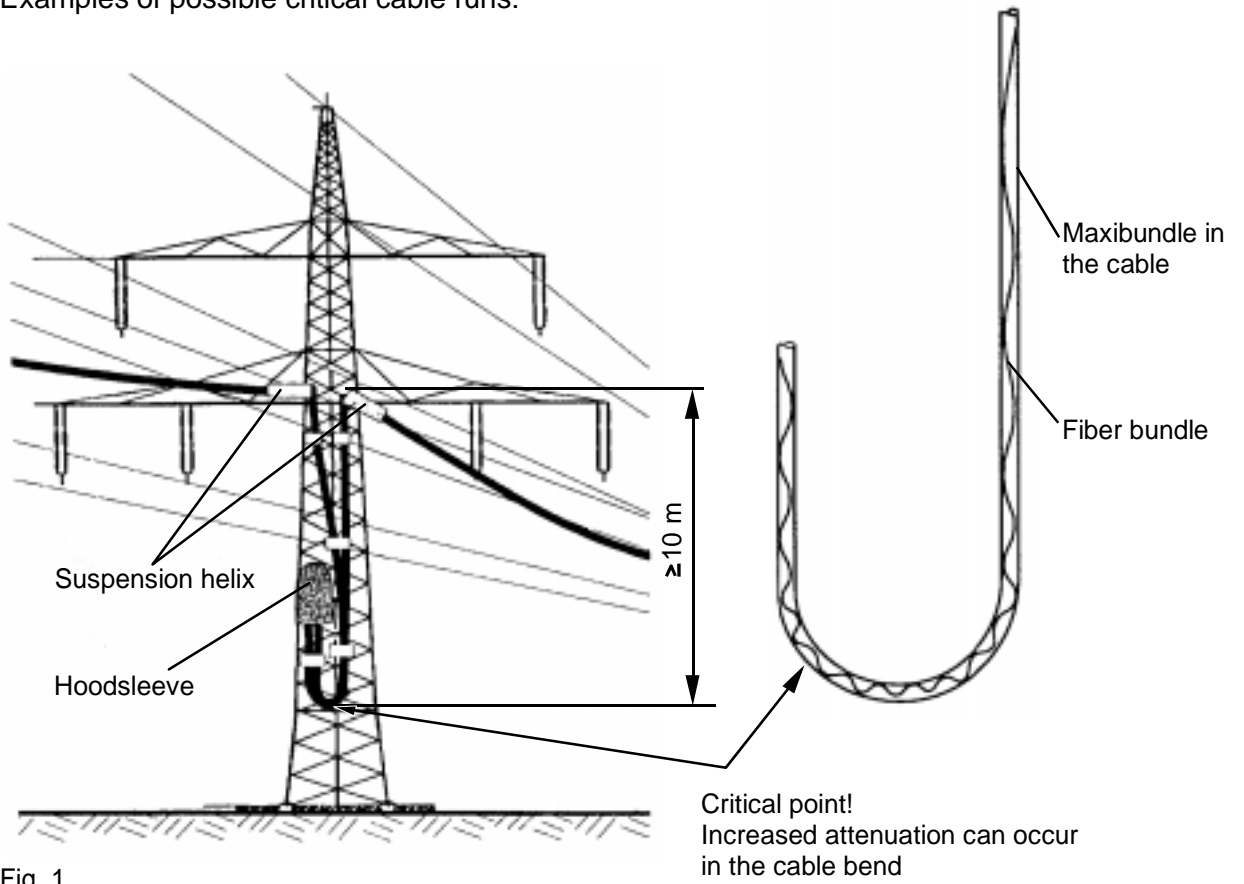


Fig. 1

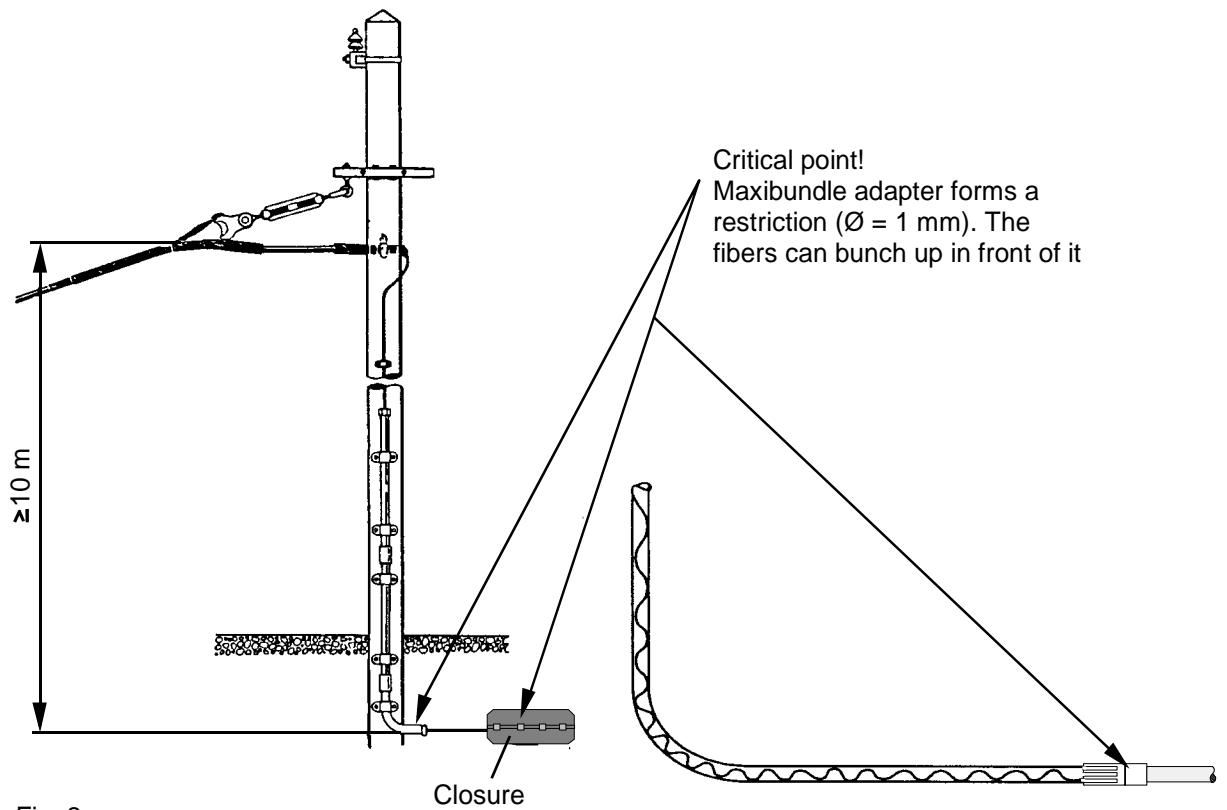


Fig. 2

## 2. Installation material

Fiber overlength pulling device  
Jokari knife  
Precision pipe cutter

## 3. Accessories

White spirit


## 4. Preparatory operations

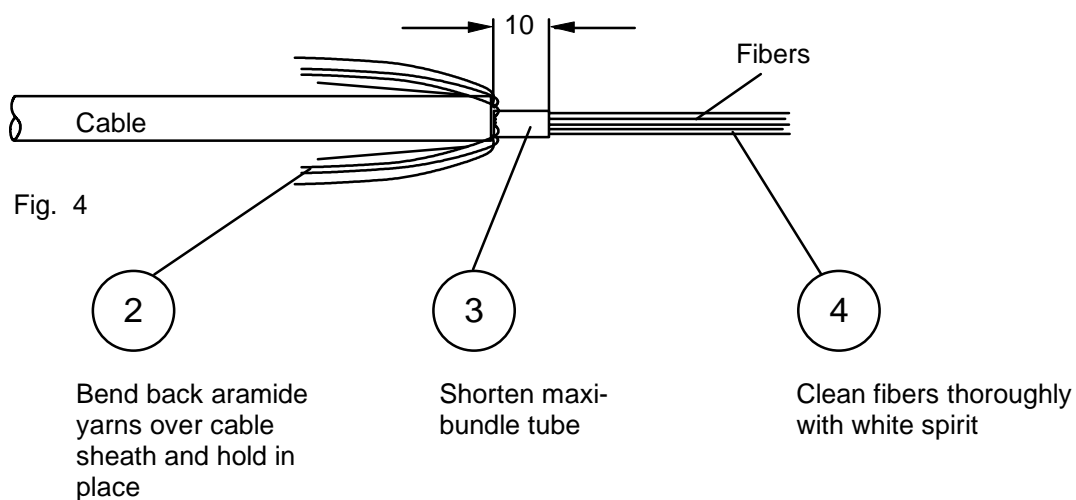
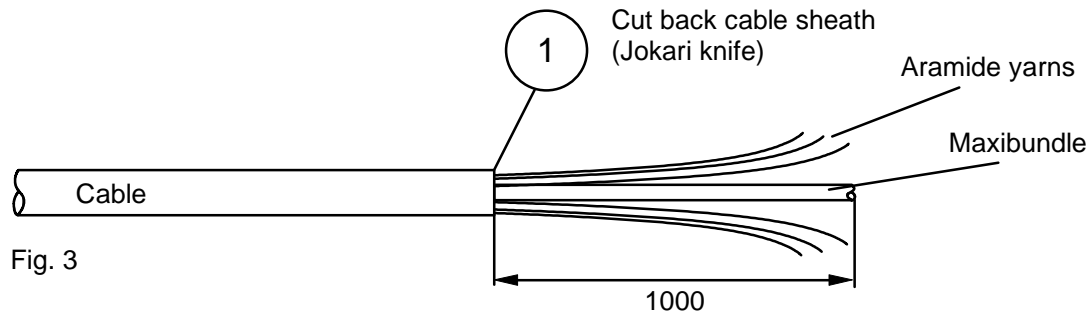
The cable cutting dimension must be lengthened by about 1000 mm.  
A fiber length of about 1000 mm is required for the pulling process. This length must be cut off afterwards.

**Attention:** Straighten the cable, don't pull out fiber when cable is in ring-figure

**Caution:** Observe the accident prevention regulations

Dimensions in mm

The numbers  ... in the Figs. refer to the sequence of installation steps.



## 5. Pulling out overlength

- 1 Remove roller from holder by bending back the retaining tab

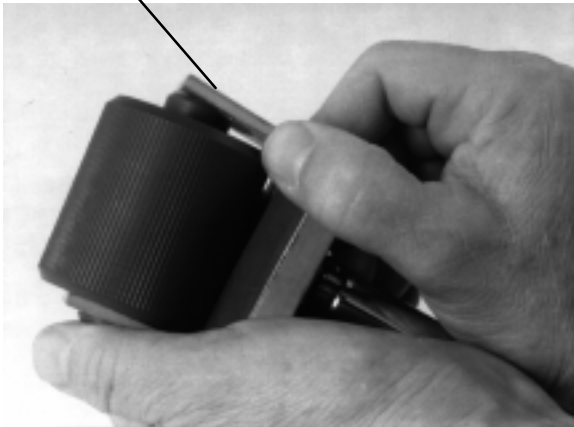


Fig. 5

- 2 Wind fiber bundle onto roller. Cross over fiber bundle 1x



Fig. 6

- 3 Holder fibers tight on roller and insert roller in holder

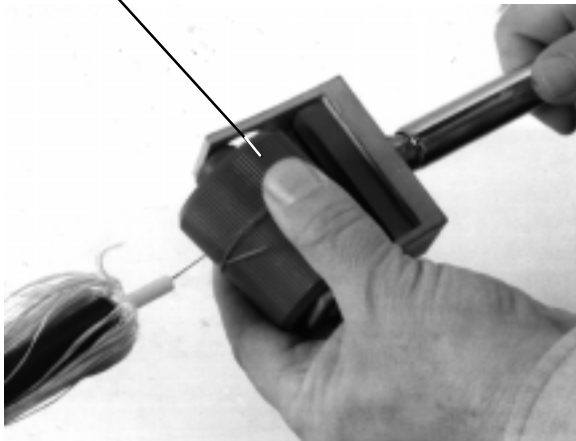


Fig. 7

- 4 Hold cable with one hand

with

the other hand pull on the ring of the spring scale with defined tension

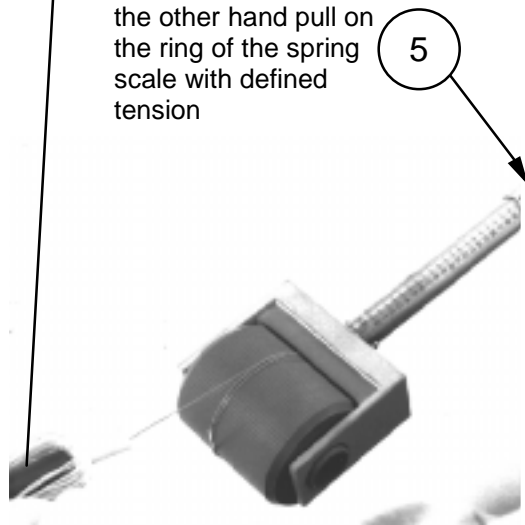




Fig. 8

- 6  Tensile force  $F \approx 20 \dots 25 \text{ N}$   
Time: 3 minutes 

- 7 The fibers which were wrapped around the roller must be cut off

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