

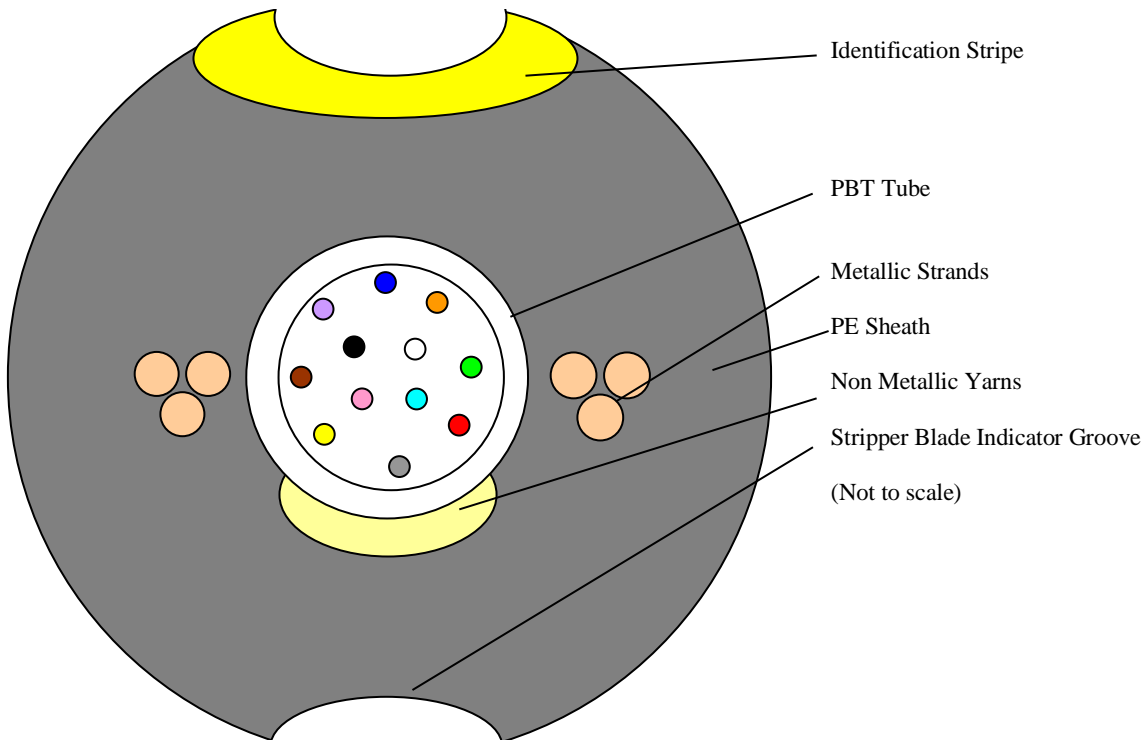
## Cable Installation Guide

# Openreach Installation Procedure For The COF210 4 & 12f Optical Fibre Drop Cable

## CIG0059 GB

### Product Application

This instruction details the Openreach procedure for the preparation of the Prysmian Group COF210 4 & 12 fibre Drop cable prior to being used in a suitable optical fibre joint or termination.





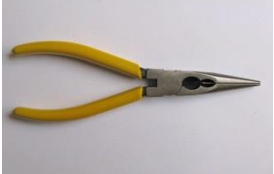



Cable Lengths
BT Item Code:
4 Fibre Drop Cable (300m) 046111
4 Fibre Drop Cable (bespoke length) 046112
12 Fibre Drop Cable (300m) 046266
12 Fibre Drop Cable (bespoke length) 046113

## Cable Installation Guide

### Precautions and Warnings

- ! This guide is only valid for products purchased from or approved by Prysmian Group.
- ! During this procedure all local Health & Safety statutory regulations must be adhered to.

### Tools and materials

<p><b>1. 4/12f Drop Cable Sheath Stripper</b></p> <p>BT Item Code:- 088336</p> 	<p><b>2. Replacement Cassette For 4/12f Drop Cable Sheath Stripper</b></p> <p>BT Item Code:- 088337</p> <p>No Picture</p>	<p><b>3. Nipper Diagonal Cutter 160mm</b></p> <p>BT Item Code:- 127405</p> 	<p><b>4. Pliers Wiring 5</b></p> <p>BT Item Code:- 141714</p> 
<p><b>5. Scissors</b></p> <p>BT Item Code:- 116282</p> 	<p><b>6. Loose Tube Peg Cutter</b></p> <p>BT Item Code:- 126826</p> 	<p><b>7. Cleaning Cloth</b></p> <p>BT Item Code:- 090889</p> 	<p><b>8. IPA</b></p> <p>BT Item Code:- n/a</p> <p>No Picture</p>

## Cable Installation Guide

### Cable End Access Procedure

#### Step 1



Determine the amount of cable sheath to be removed and at the required distance mark the cable sheath.

## Cable Installation Guide

### Step 2



Assemble the Sheath Cutter around the cable at this point.

**To ensure that the cutter blades do not get damaged ensure that they are positioned on the yellow line on the cable sheath. If there is no yellow line then the blades should be positioned on the sheath printing.**

## Cable Installation Guide

### Step 3



Pull the Sheath Cutter along the cable towards the free end of the cable.

## Cable Installation Guide

### Step 4



Using the Nipper Diagonal Cutter cut along the two cuts.

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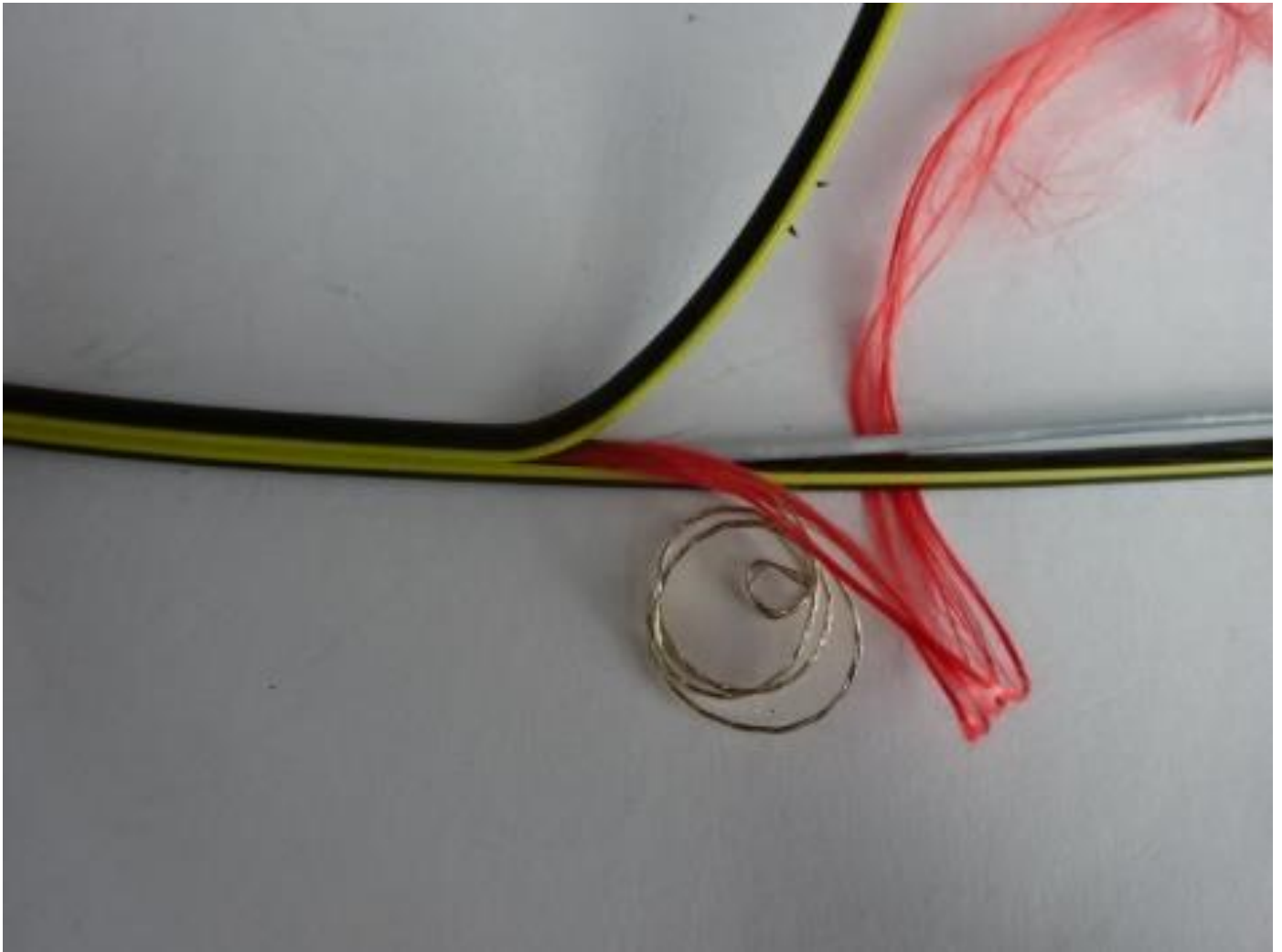
### Step 5



Split the two halves of sheath to expose the fibre tube.

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### Step 6

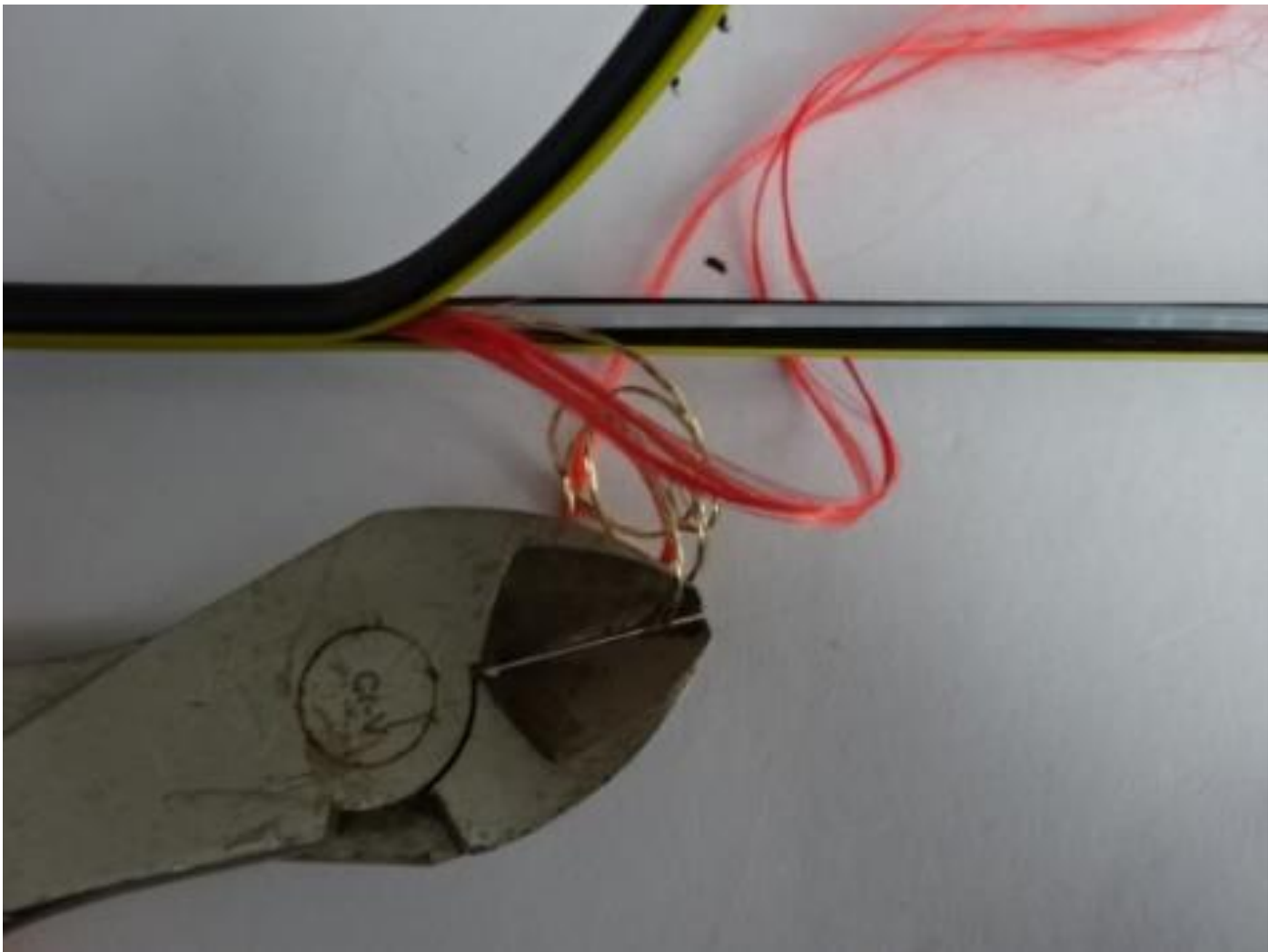


In the event that cable anchoring is required within the optical fibre joint remove one of the steel wire strength members from the split sheath using two pairs of pliers.  
If not then go to step 8.



## Cable Installation Guide

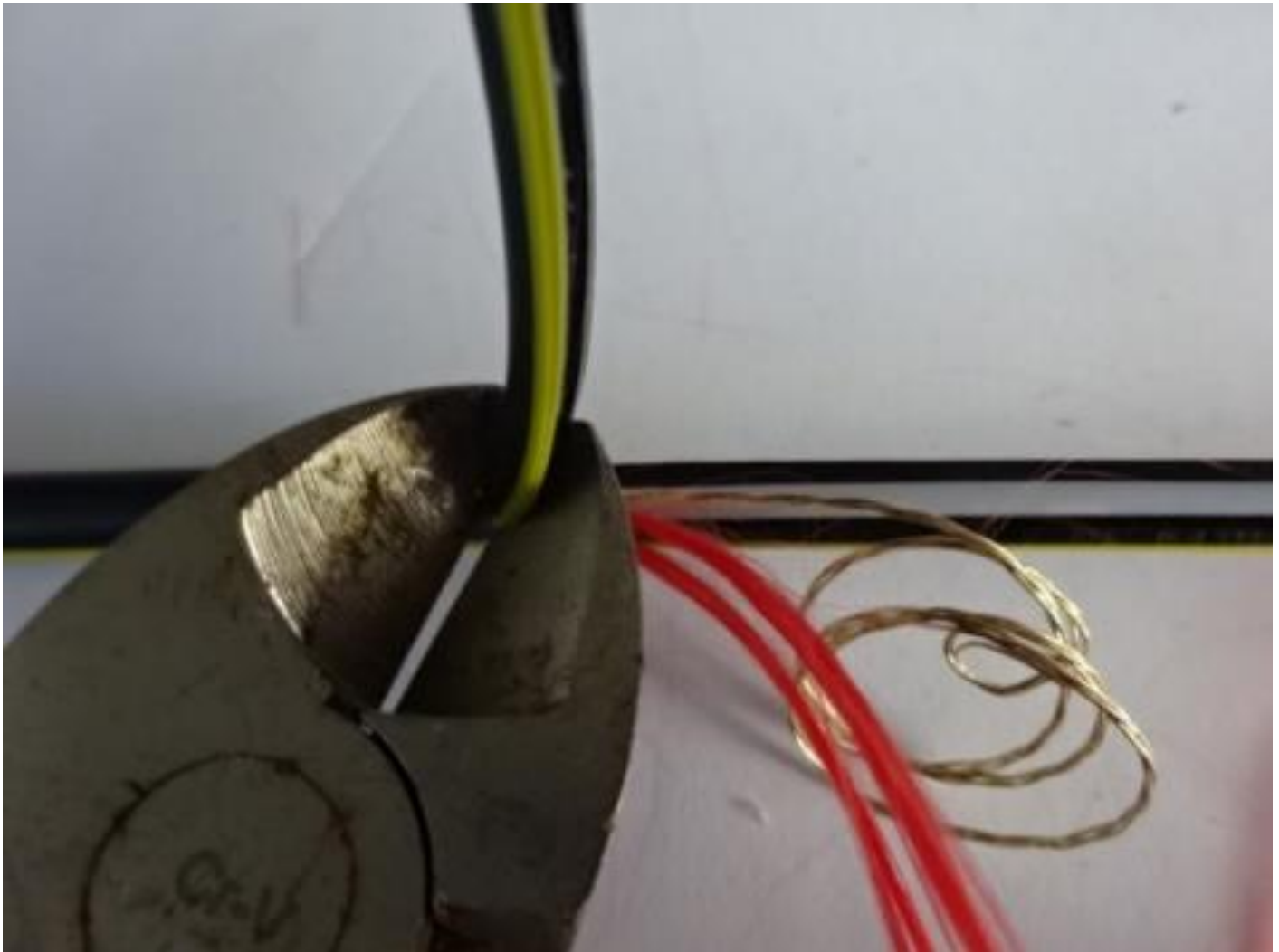
### Step 7



Cut the steel wire strength member to the required length.

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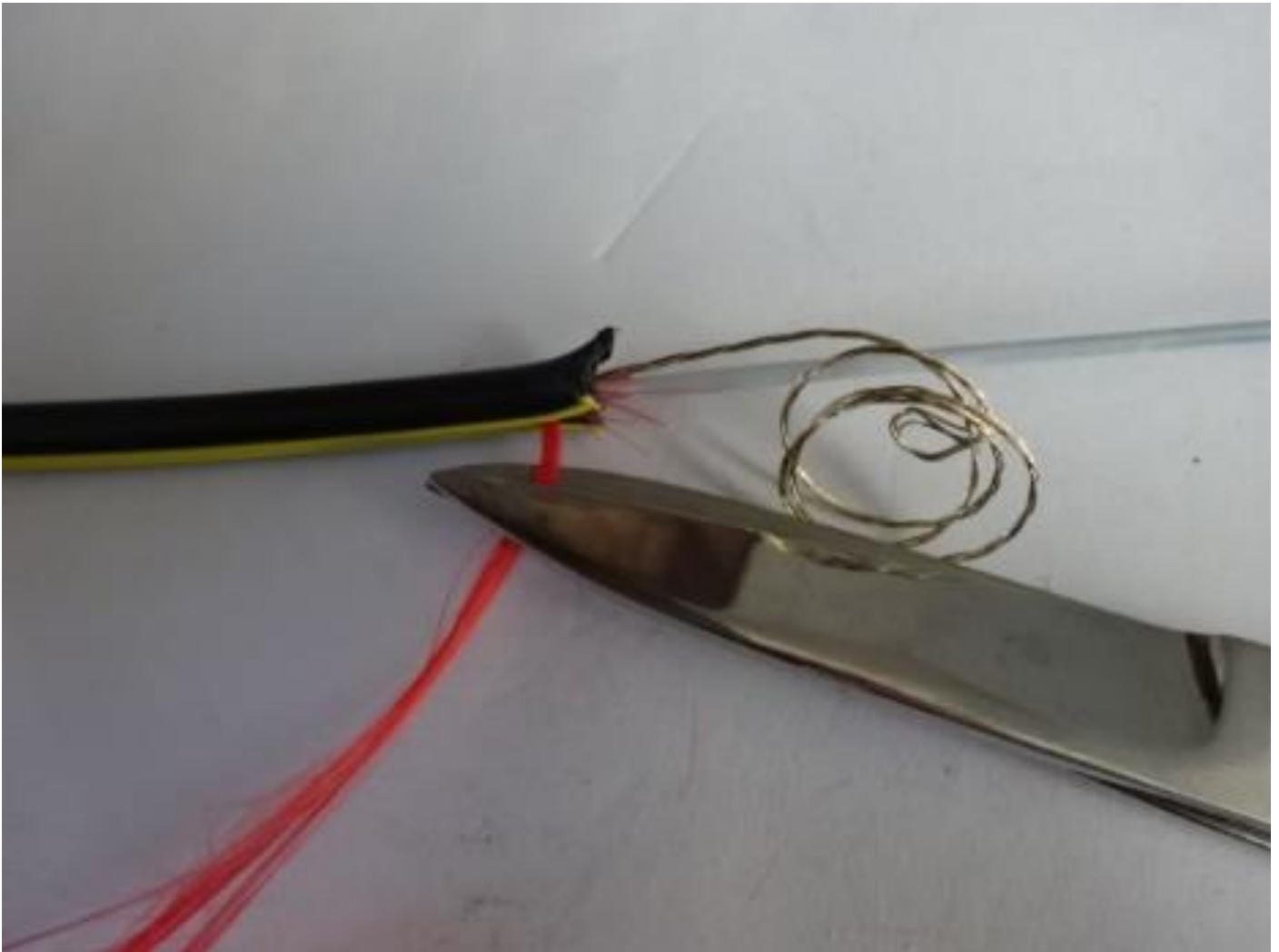
### Step 8



Cut the sheath at the point identified in step 1.

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### Step 9

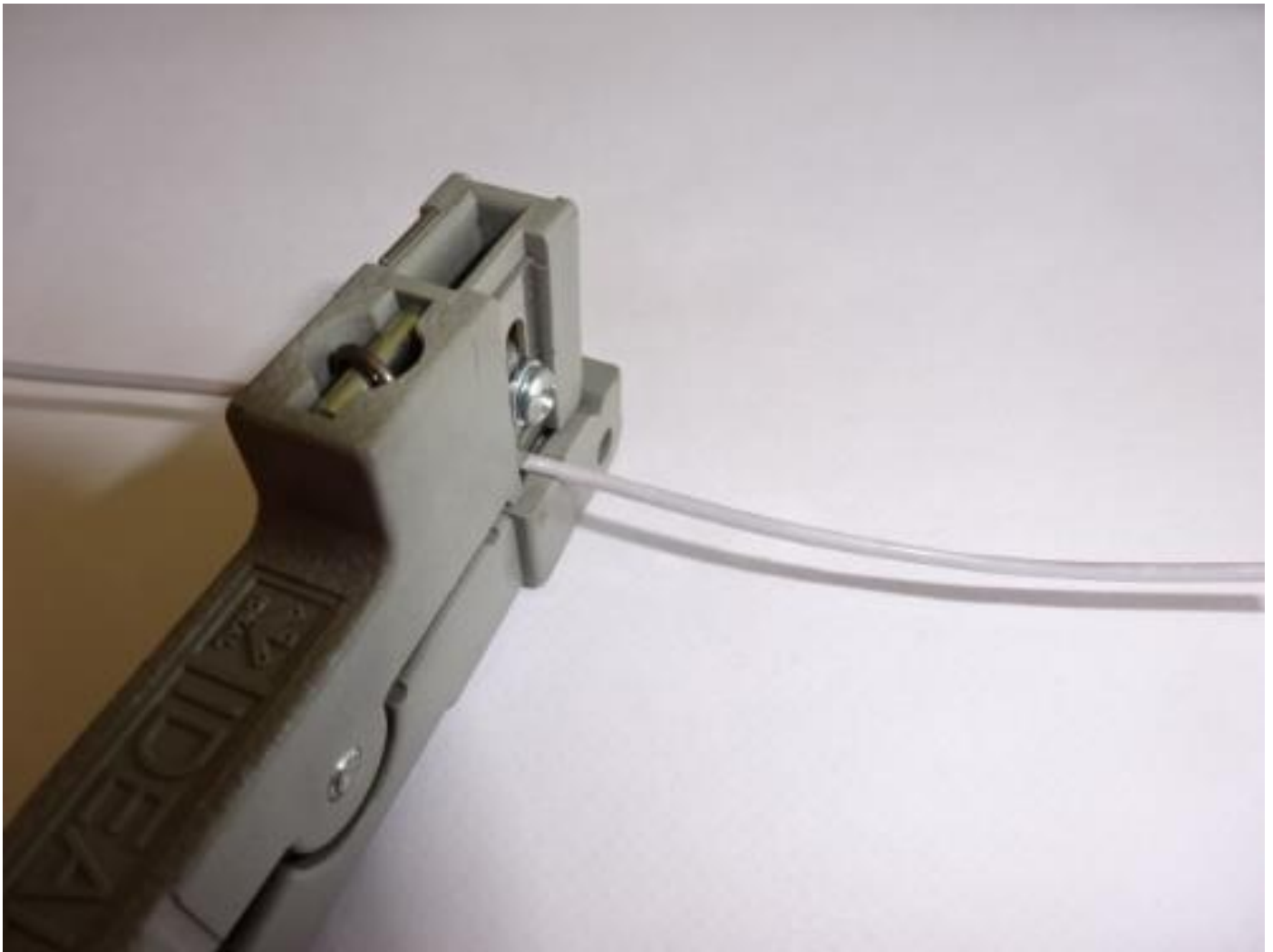


Using scissors cut the water swellable yarn(s) off. Using scissors cut the water swellable yarn(s) off.

## Cable Installation Guide

### PBT Fibre Tube Bundle Stripping Procedure

#### Step 1



On a sample of tube check the setting of the peg cutter to ensure that the optical fibres are not damaged by the operation of the cutter.

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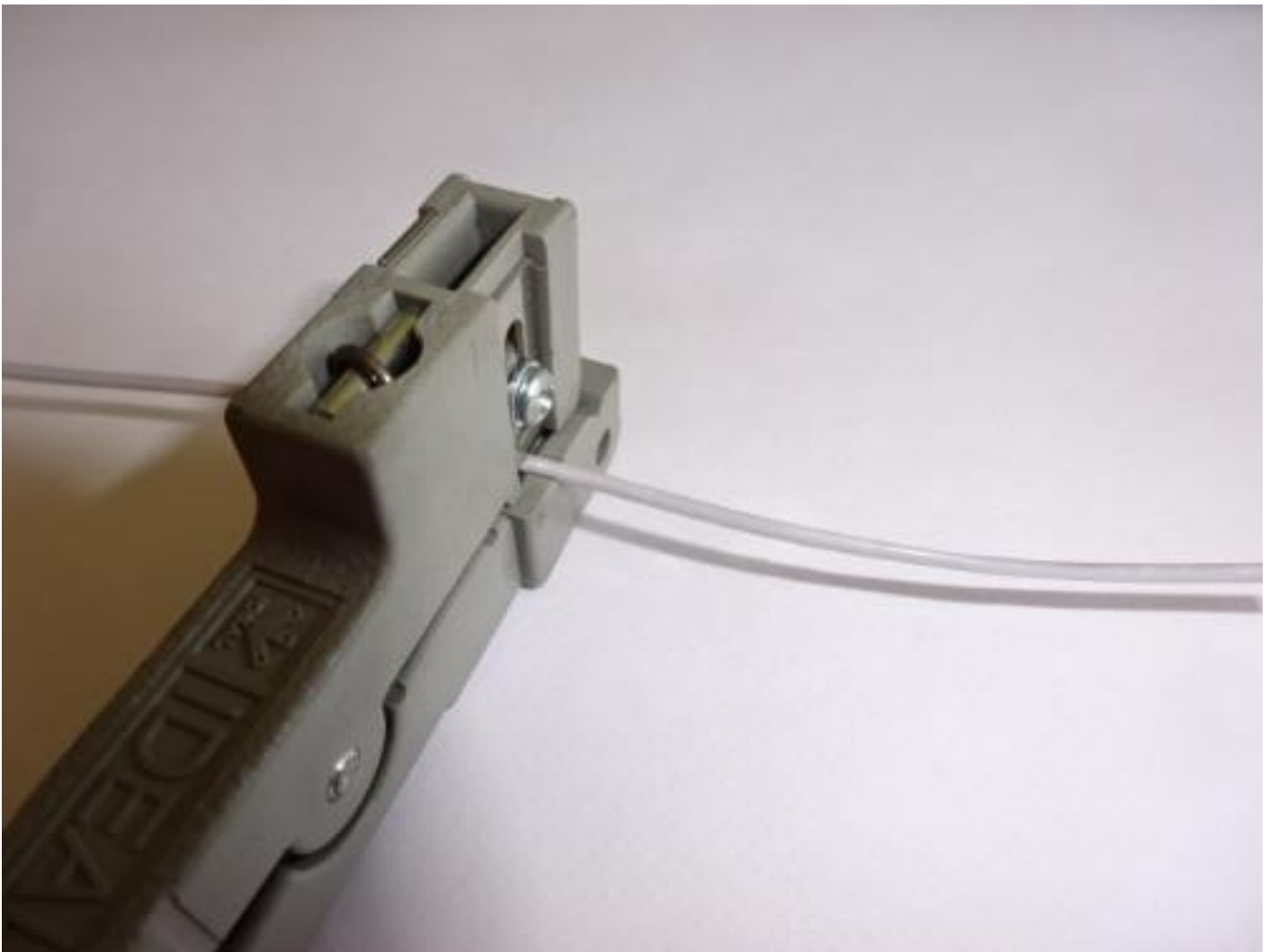
### Step 2



If required adjust the cutter depth to ensure that the optical fibres are not damaged.

## Cable Installation Guide

### Step 3



Re-test on another sample of tube to confirm setting.

## Cable Installation Guide

### Step 4

No Picture

Determine the amount of optical fibre that needs to be removed from the tube.

## Cable Installation Guide

### Step 5



At a position 500mm from the end of the tube apply a circumferential cut.



## Cable Installation Guide

### Step 6



If required gently flex the tube to break it.

## Cable Installation Guide

### Step 7



Remove the tube from around the optical fibres.

## Cable Installation Guide

### Step 8



Using a cloth with a suitable cleaning fluid e.g. IPA remove the grease from around the optical fibres.

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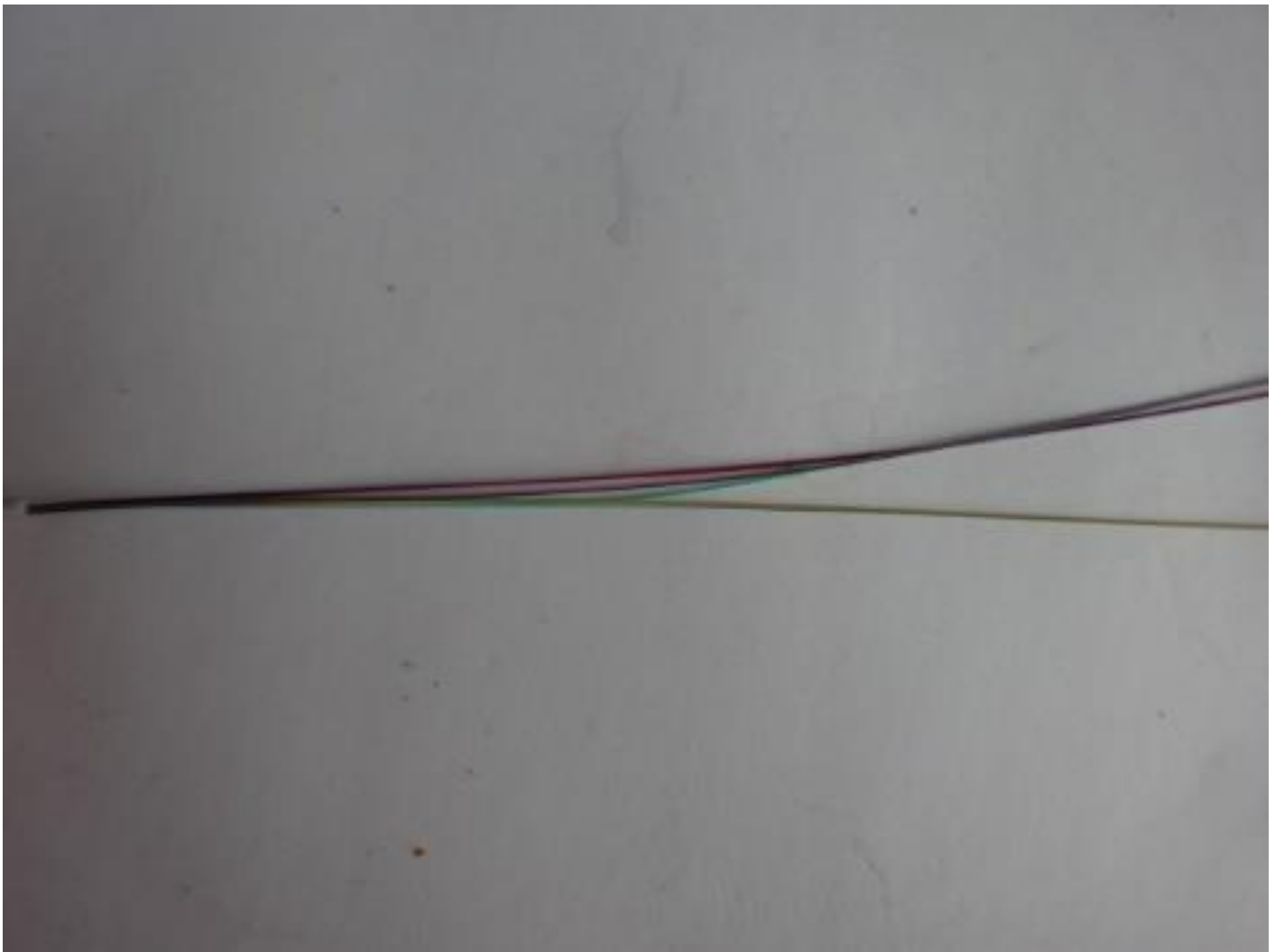
### Step 9

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Repeat Steps 5 to 7 until the optical fibres are exposed up to the point identified in Step 4.

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### Step 10



. Separate the optical fibres.

**Follow the relevant instructions to configure the cable into the optical fibre joint.**

## Cable Installation Guide

### Contact information

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