FACT Cable Termination Unit

INSTALLATION INSTRUCTION

FACT-CTU-M-P24

NOTE:

The FACT-CTU-M-P24 cable termination unit is designed to terminate up to 24 pigtails with a cable diameter from Ø1.8 to Ø2.4mm on a FACT splice element

CONTENT

1 General

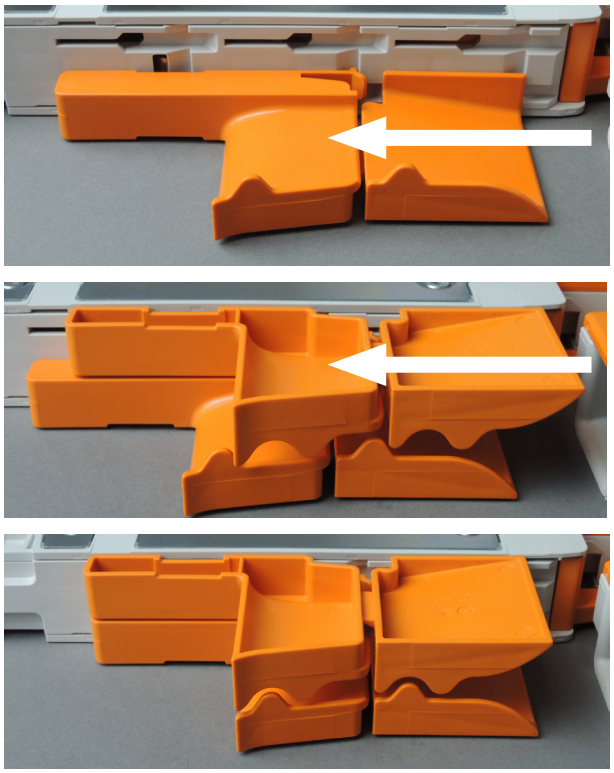
1.1 Kit content

1x Trumpet lower part
1x Trumpet upper part
24x SF-KTU
2x SF-KTU as spare part

1.2 Tool required

Standard installation tooling for fiber optic cable

2 Installation of Trumpet and Cover

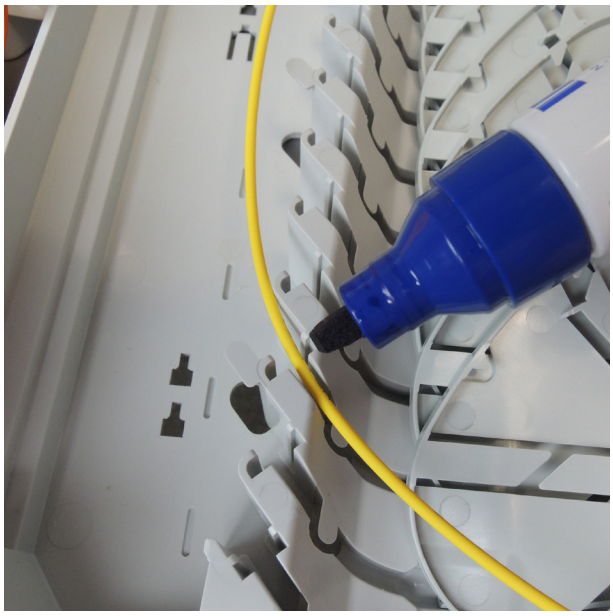


2.1 Insert the trumpet on the side of the FACT element into the three slots, until you hear a "click" noise

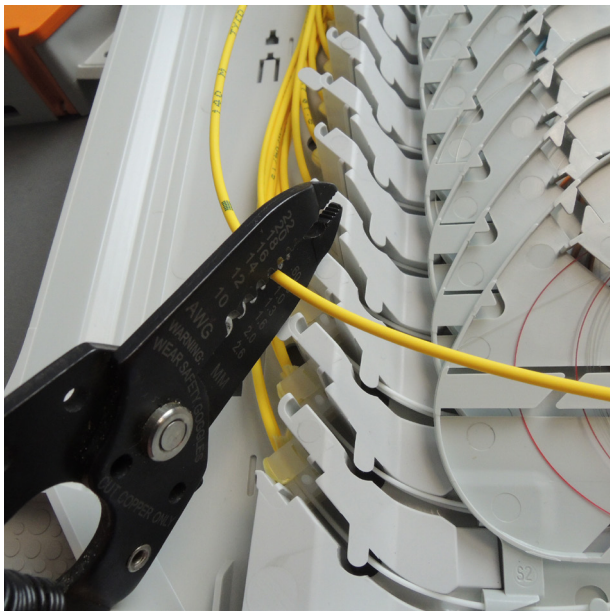
2.2 Push down the PIN in the middle of the cover and slides in your direction to de-assemble the cover

2.3 Store the cover on the other side for future use

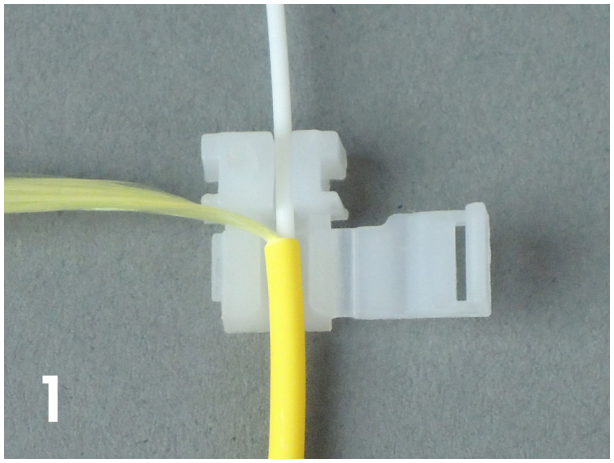
3 Routing and termination of single pigtails Ø1.8 to Ø2.4mm

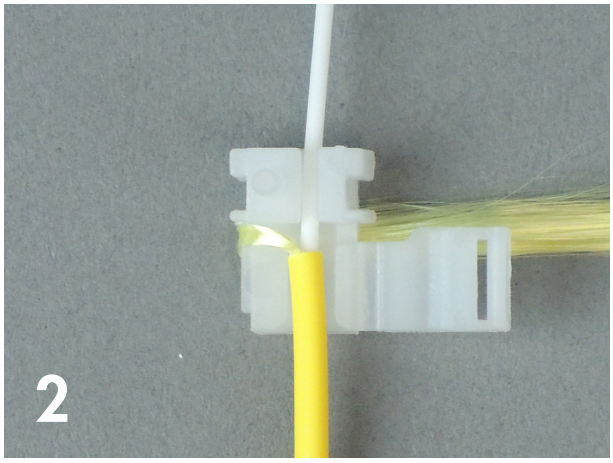


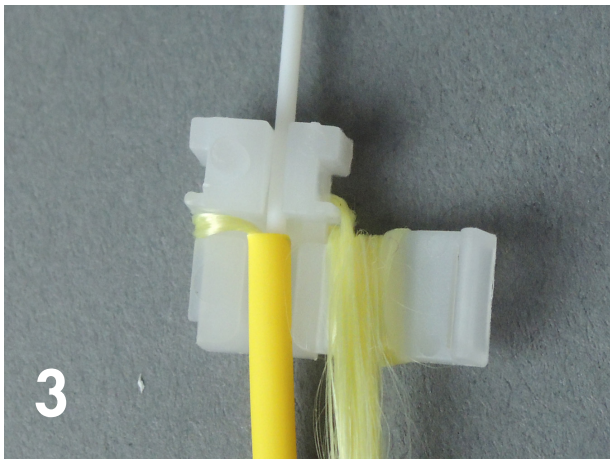
3.1 Route the pigtail to your preferred splice tray position
Mark the cable jacket
Note: you should have 1.5m length of fiber left

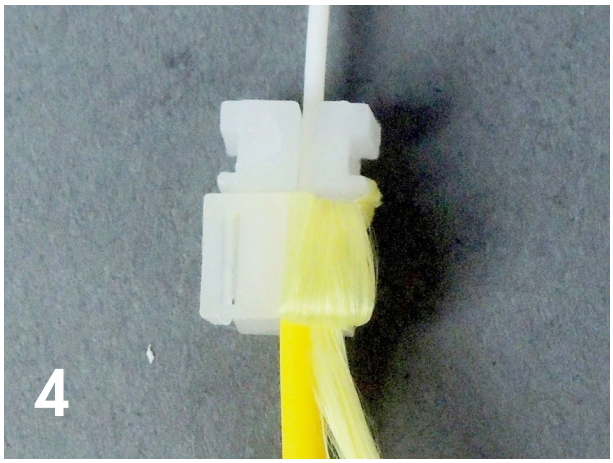


3.2 Strip the cable jacket to 900µm



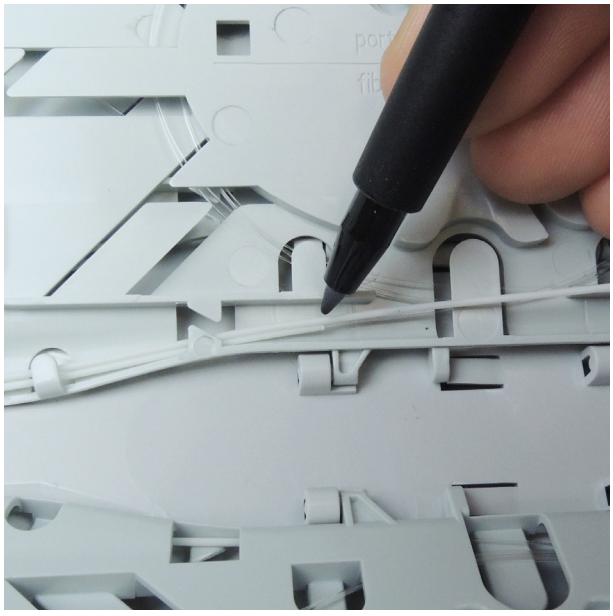


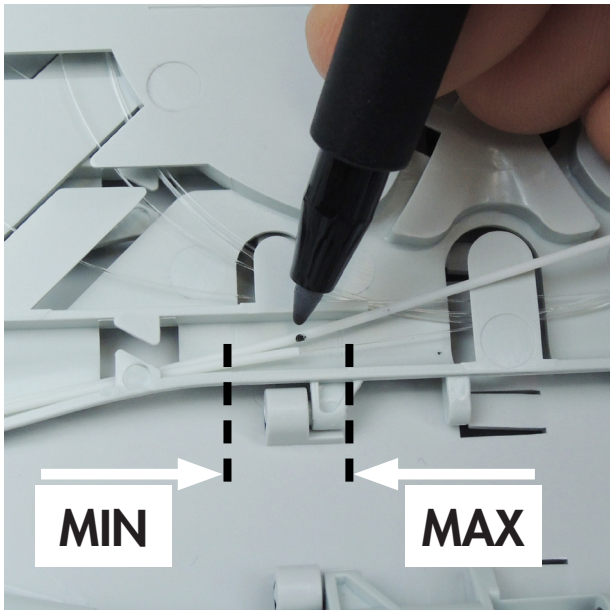




3.3 Place the cable in the groove and route the Kevlar through the left groove (1) and lead behind the back (2) over the hinging part (3) to the front. Wrap 1 x over the hinging part (3) and bring back to the front.Keep the Kevlar under tension and close the hinging part (4). Apply some tension to the Kevlar without pulling at the cable ! Cut away the remaining strands.

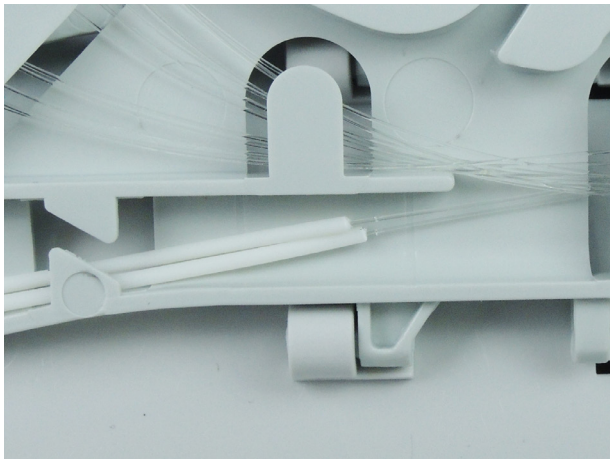
3.4 Slide the installed pigtail into the groove
Note: you can stack up to 4 pigtails



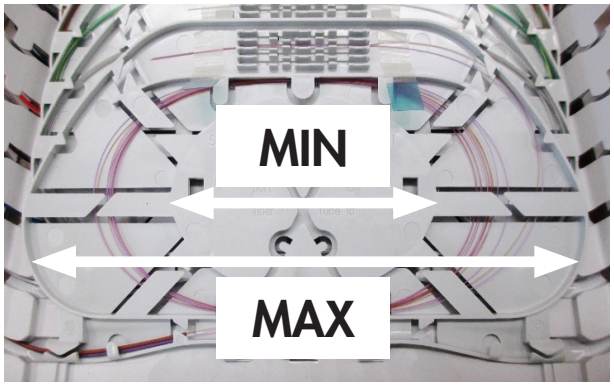


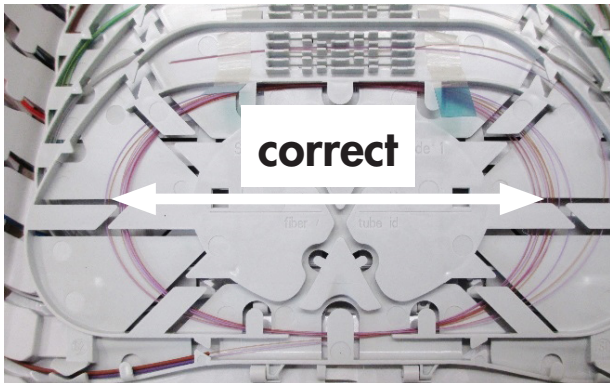
3.5 Route the 900µm fiber to the splice tray and mark the stripping point to 250µm (Stripping zone marked on tray)

3.6 Strip the 900µm to 250µm with a proper tool



3.7 Check the proper routing of the fiber into the splice tray





3.8 Attention to correct fiber storage - A properly stored fiber don't touch the bend radius limiter on inner or outer side and can move freely

3.9 Complete installation

CommScope Connectivity Belgium bvba

Diestsesteenweg 692
B-3010 Kessel-Lo, Belgium
Tel.: 32-16-351 011
Fax: 32-16-351 697
commscope.com

Visit our website or contact your local CommScope representative for more information.

TC 1388/1/IP/1 07/16