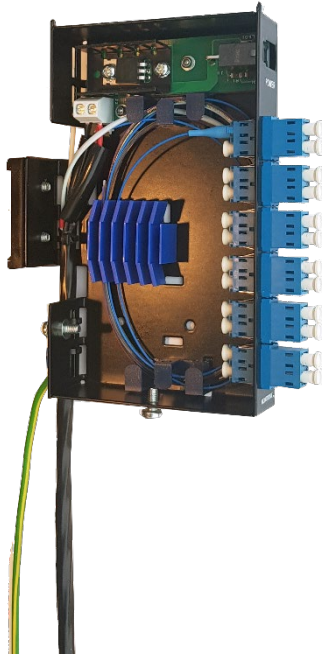


Introduction

This instruction contains information how to terminate Hybrid Micro cable to Hybrid ODF 6 LCD, HNCD 520 225/11.

The Hybrid ODF is designed to be mounted on a DIN rail in suitable cabinet. Preferably close to the DC power source of 110 VDC.



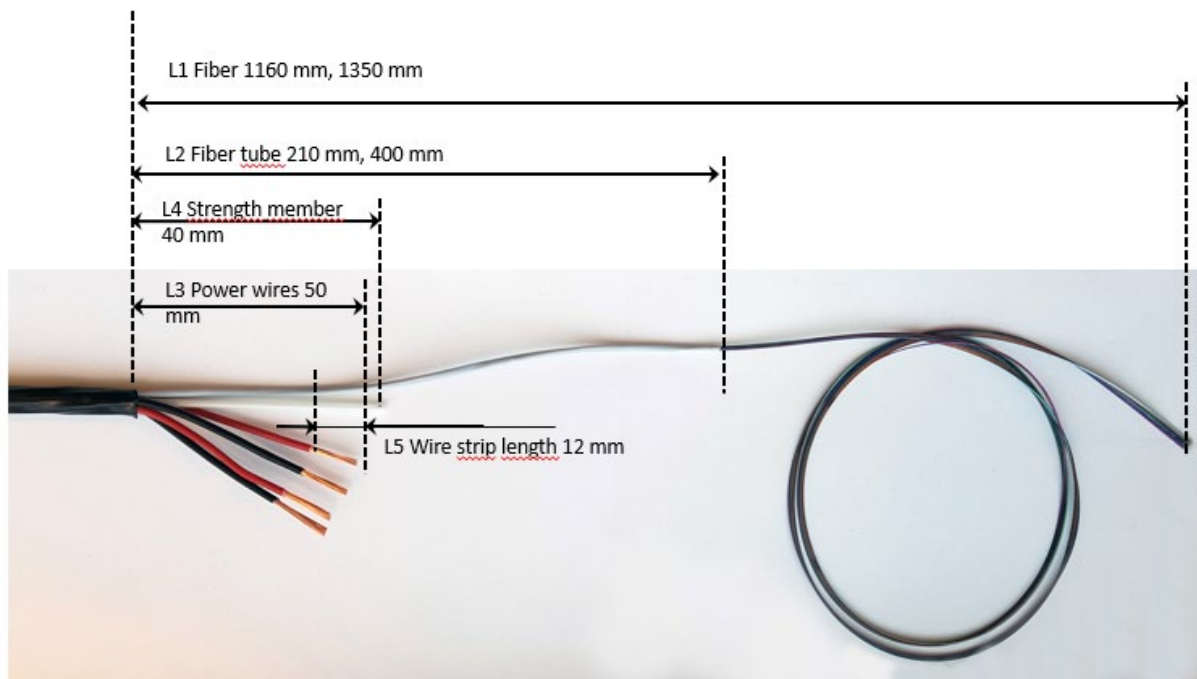
Included parts

- Hybrid ODF
- Cable ties
- Plastic tube

Prepare the Hybrid Micro cable

Open and prepare the Hybrid Micro Cable according to instruction 1553-TOL40790+

Cutting lengths as below figure:



Installation Instructions

Hybrid ODF HNCD520225-11

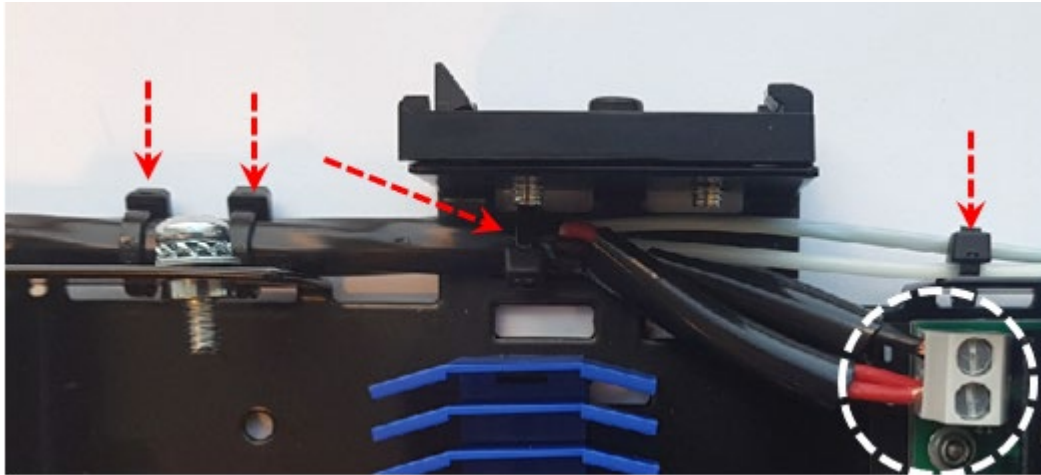
Connect power wires

Twist the two red stripped wires together and the two black stripped wires together. Cut the wires to a stripping length of 8mm. Put the black plastic tube above the wires (*Electrical protection*)

Mount the power wires to connecting block,

Red wires to + and black wires to -

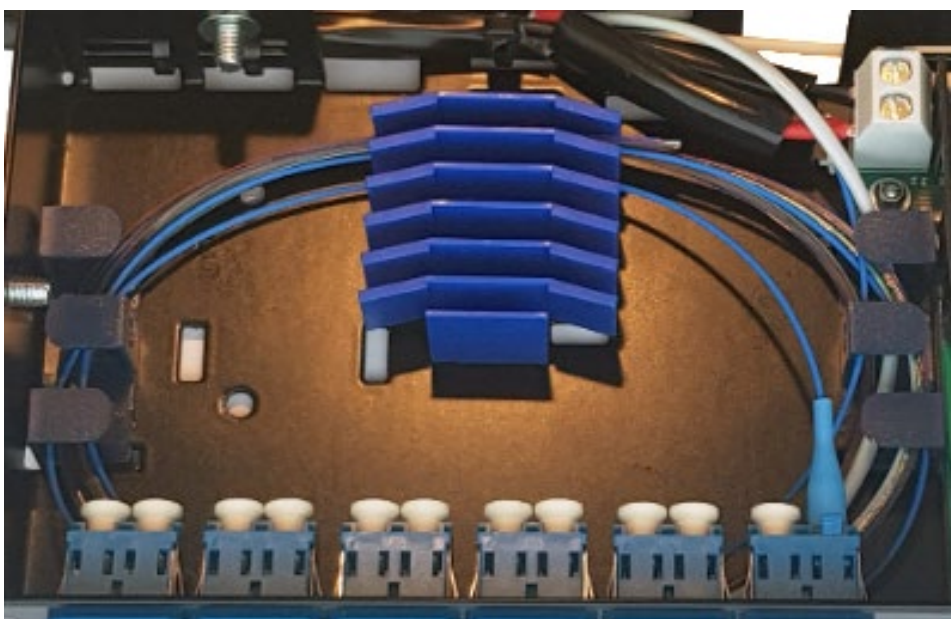
Mount the cable to ODF with enclosed cable ties at positions marked in photo below



Splicing fiber

Splice the fibers of hybrid micro cable to suitable number of fiber pigtails.

Place the splice in splice holder and wind overlengths of fiber according to picture below



Installation Instructions

Hybrid ODF HNCD520225-11

Grounding

Connect the Hybrid ODF to site earth



Connecting the ODF to power source.

Caution! The Hybrid ODF shall only be powered with a voltage less than 120 Vdc isolated from power network and fulfilling the requirements of ripple according to class ES 2 in IEC 62368-1.

Suitable power source is HBMR136200+



Connect power cable to power source

Connect the hybrid ODF to power source with the enclosed power cable

- Red conductor to +
- Black conductor to –



Connect power cable to Hybrid ODF

Before connecting power to ODF ensure all terminations is finished in all connected terminations attached to the hybrid cable.

A blue light at power connector indicate correct wiring and power source is working.

Polarity protection in ODF will make the power source to shut down if unit is not connected with correct polarity.



Connect Optical patch cords to your optical network