

# Pengenalan Material Support Pembangunan Fiber Optik





☐ Kabel Optik

☐ Joint Box

☐ Tiang



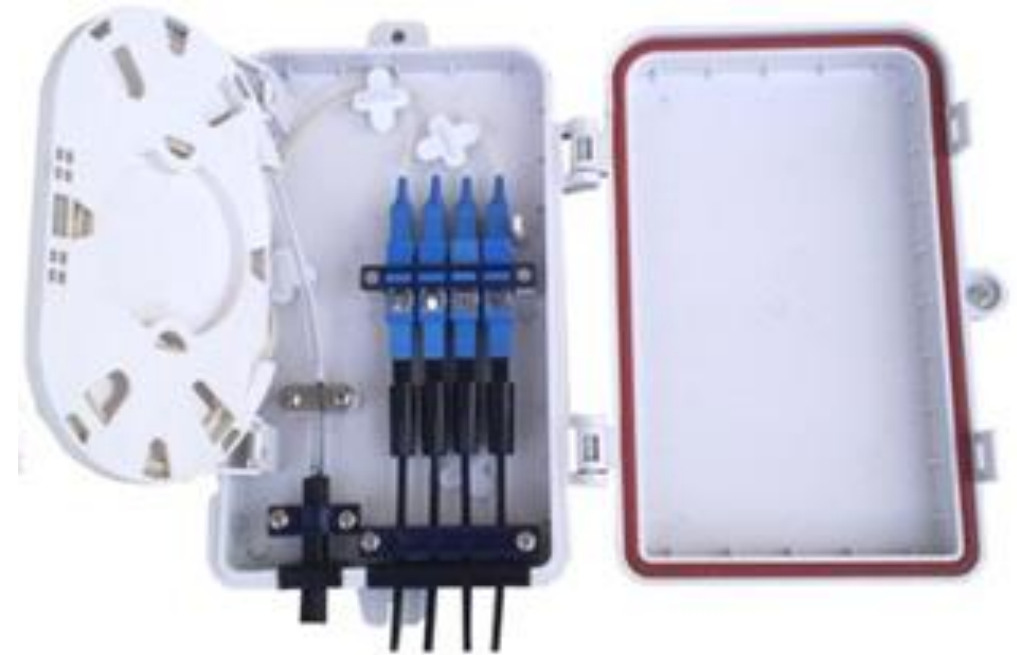


☐ FDB – Fiber Distribution Bo

☐ Patch Cord

☐ Adapter

☐ Pigtail



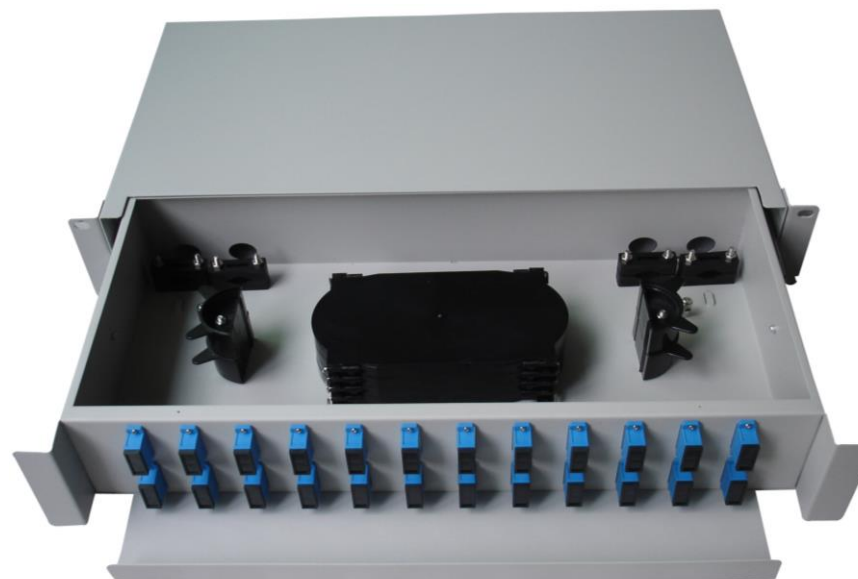
**Open/Close Rack**



**Roset**



**Optical Termination Box**



## OLT Optical Line Terminal





❑ ONU – Optical Network Unit



❑ MC - Media Converter



- ☐ Switch
- ☐ Kabel UTP
- ☐ SFP - Small Form-factor Pluggable



- 24 Ports Gigabit (RJ45) 1
- 4 Ports Combo SFP 2
- 48 Ports Gigabit (RJ45) 3



## ❖ Primary Tools

### OTDR

### Optical time-domain Reflectometer

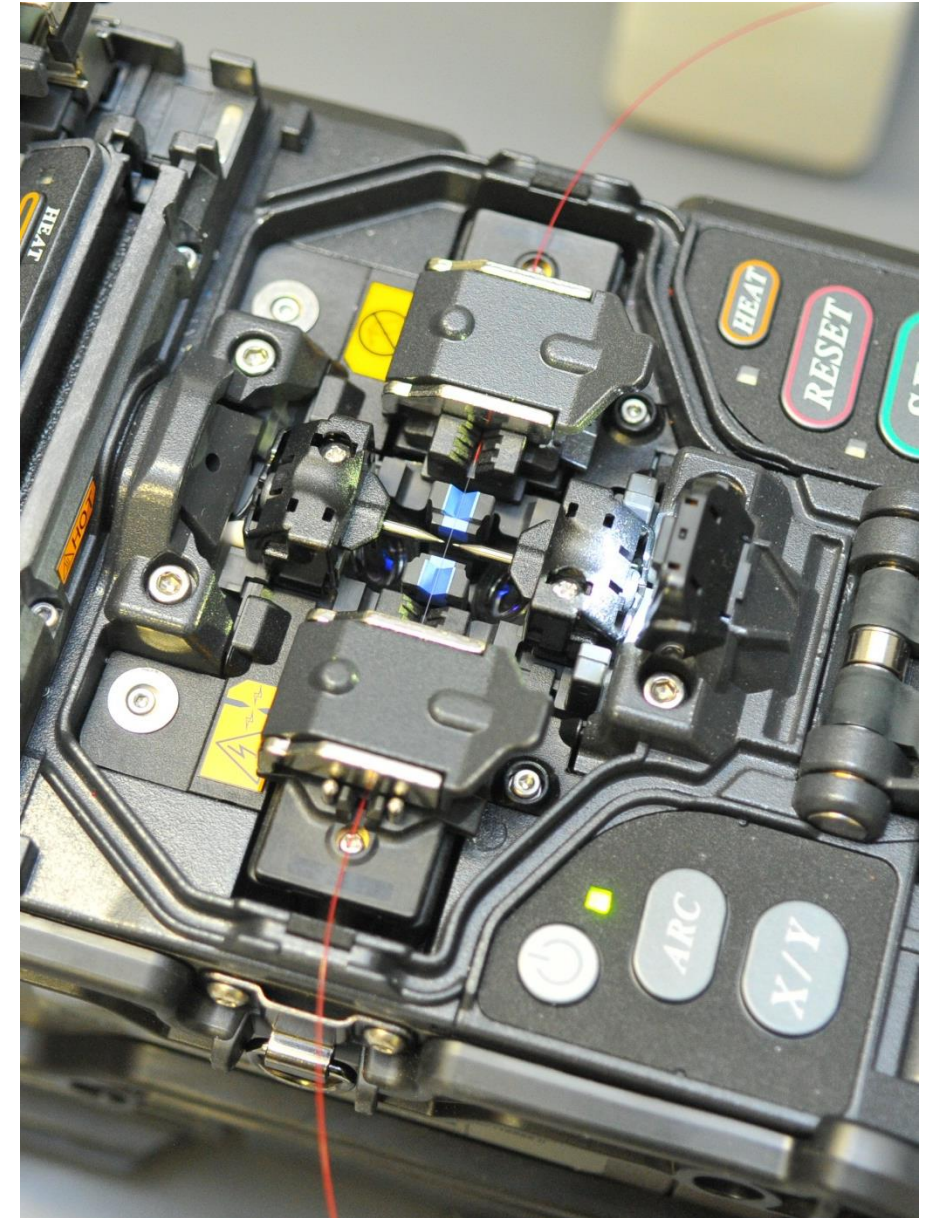


- ☐ Mengukur panjang kabel
- ☐ Mengukur end to end loss dalam satu span kabel
- ☐ Mengukur splice loss yang diakibatkan adanya sambungan
- ☐ Mengukur loss yang diakibatkan pemantulan cahaya adanya konektor.





**Fusion Splicer**  
**Alat sambung Fiber Optik**



**OPM-Optical Power Meter**



**OFI-Optical Fiber Identifier**



**VFL - Visual Fault Locator**





**Fiber Stripper**



**Fiber Cleaver**



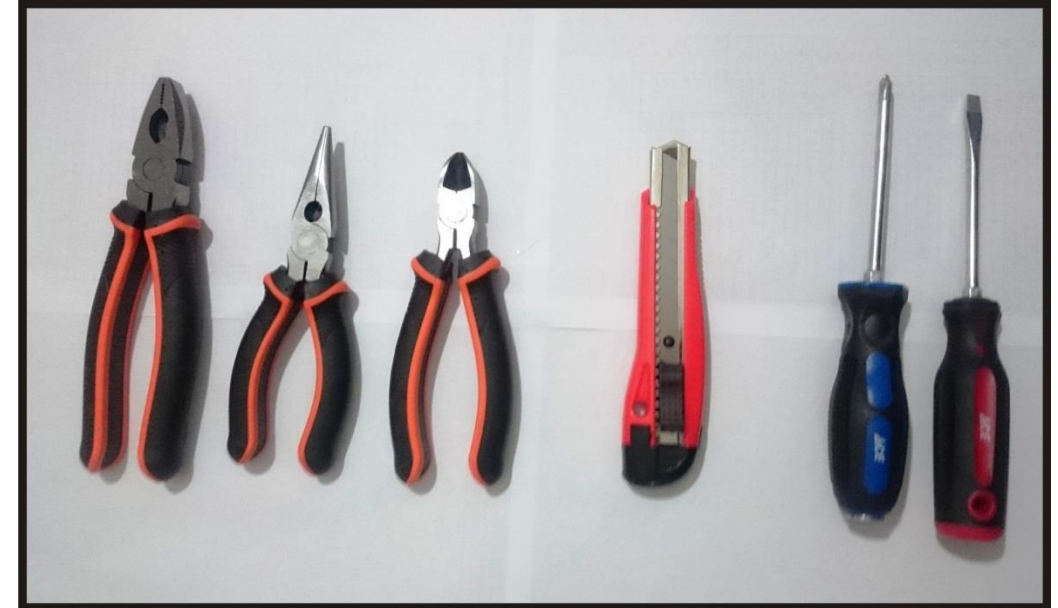
**Tissue & Alcohol**





## ❖ Primary Tools

- ☐ *Tang Kombinasi*
- ☐ *Pisau Cutter*
- ☐ *Tang Cucut*
- ☐ *Obeng*
- ☐ *Tang Pemotong*



- ☐ *Tangga*
- ☐ *Kunci Hex*
- ☐ *Kunci Pas*
- ☐ *Kuncli L*





☐ Sarung Tangan

☐ Headlamp

☐ Bolt Cutter

☐ Safety Belt

☐ Bensin



**That's all, thanks**

