

BEP Building Entry Point (BEP)

The interface between the drop cabling (optical access network) and the in-building network. The BEP is located inside a building. At the BEP the transition from outdoor to indoor cable is performed. The type of transition may be a splice or a removable connection.

In case of GPON Splitters may be located at this point.

FD Floor Distributor (FD)

An optional element between the BEP and the OTO located in the riser zone which allows the transition from the vertical to the horizontal indoor cabling.

OTO Optical Telecommunication Outlet (OTO)

A fixed connecting device where the fibre-optic indoor cable terminates. The optical telecommunications outlet provides an optical interface to the equipment cord of the ONT/CPE.

ONT Optical Network Terminal (ONT)

The ONT terminates the FTTx optical network at the subscriber premises and includes an electro-optical converter. The ONT and CPE may be integrated.

2.4 Best Practice Approach

- A number of fundamental best practice guidelines can be observed, which shall apply in a balanced way:
- Avoid duplication to achieve optimized investments
- Consider future safe rollout including extension option
- Ensure open network access without substantial additional investment
- Technical implementation choice for service providers
- Rapid provisioning for customers
- Switching between providers without on-site intervention
- Allow for customer provider choice