This Recommendation describes the main techniques that allow installation of underground telecommunication network infrastructures while minimizing or eliminating the need for excavation.

Floating techniques for installation of fibre-optic cables

L.57: Air-assisted installation of fibre-optic cables
This Recommendation describes air-assisted methods for installing fibre-optic cables in ducts.

L.61: Optical fibre cable installation by floating technique
This Recommendation describes the floating technique for installing fibre-optic cables in ducts.

Other installation techniques

L.35: Installation of fibre-optic cables in the access network
The Recommendation gives guidance for installation in ducts, aerial installation and directly buried cables in the access network.

L.77: Installation of fibre-optic cables in sewer ducts
This Recommendation describes methods to install ducts/fibre-optic cables inside sewer ducts. Both man- and non-man-accessible sewer ducts are covered.

L.82: Optical cabling shared with multiple operators in buildings
This Recommendation defines solutions that could be deployed to introduce fibre-optic cables into buildings up to the customer apartment.

For more information on Recommendations about fibre-optic cable installation techniques, please check the ITU-T Study Group 15 website at: www.itu.int/ITU-T/com15