

ITU-T The leader in Recommendations on optical fibre cable structures

Optical fibre cable Recommendations for different environments

L.10: Optical fibre cables for duct and tunnel application

This Recommendation describes characteristics, constructions and test methods for optical fibre cables for duct and tunnel application.

L.26: Optical fibre cables for aerial application

This Recommendation describes characteristics, constructions and test methods for optical fibre cables for aerial application.

L.43: Optical fibre cables for buried application

This Recommendation describes characteristics, constructions and test methods for optical fibre cables for directly buried application.

L.59: Optical fibre cables for indoor application

This Recommendation describes characteristics, constructions and test methods for optical fibre cables for indoor application.

L.67: Small count optical fibre cables for indoor applications

This Recommendation deals with small count optical fibre cables that contain one or two optical fibre(s) for indoor application. Indoor optical fibre cables that contain three or more fibres have been recommended in Recommendation L.59.

L.78: Optical fibre cable construction for sewer duct applications

To install optical fibre cables in sewer ducts is one possible way to solve duct shortage problems. This Recommendation describes characteristics, constructions and test methods for optical fibre cables for sewer tube application.

Cable protection against external attacks

L.28: External additional protection for maritized terrestrial cables

This Recommendation describes the external protection devices that can be utilized during/after the laying or during/after the reparation of maritized terrestrial cables (MTC).

L.46: Protection of telecommunication cables and plant from biological attack

This Recommendation describes biological attacks and countermeasures for the protection of telecommunication cables. It deals with types of biological attack, weakness of cables and features of damage, and considers alternative ways of protecting the plant (including dependence on cable position).

Special functions required for optical fibre cables in access networks

L.58: Optical fibre cables: Special needs for access networks

This Recommendation describes characteristics and the construction of optical fibre cables for access network. These are required to have some additional performance characteristics (e.g. high fibre count, mid-span access), as compared with cables for trunk systems.

Optical/Metallic hybrid cables

L.60: Construction of optical/metallic hybrid cables

In this Recommendation, the term optical/metallic hybrid cable indicates those cables that contain both optical fibres and metallic wires. This Recommendation describes both the construction of the cable and test methods. Keynotes to the use of this type of cable are also featured.

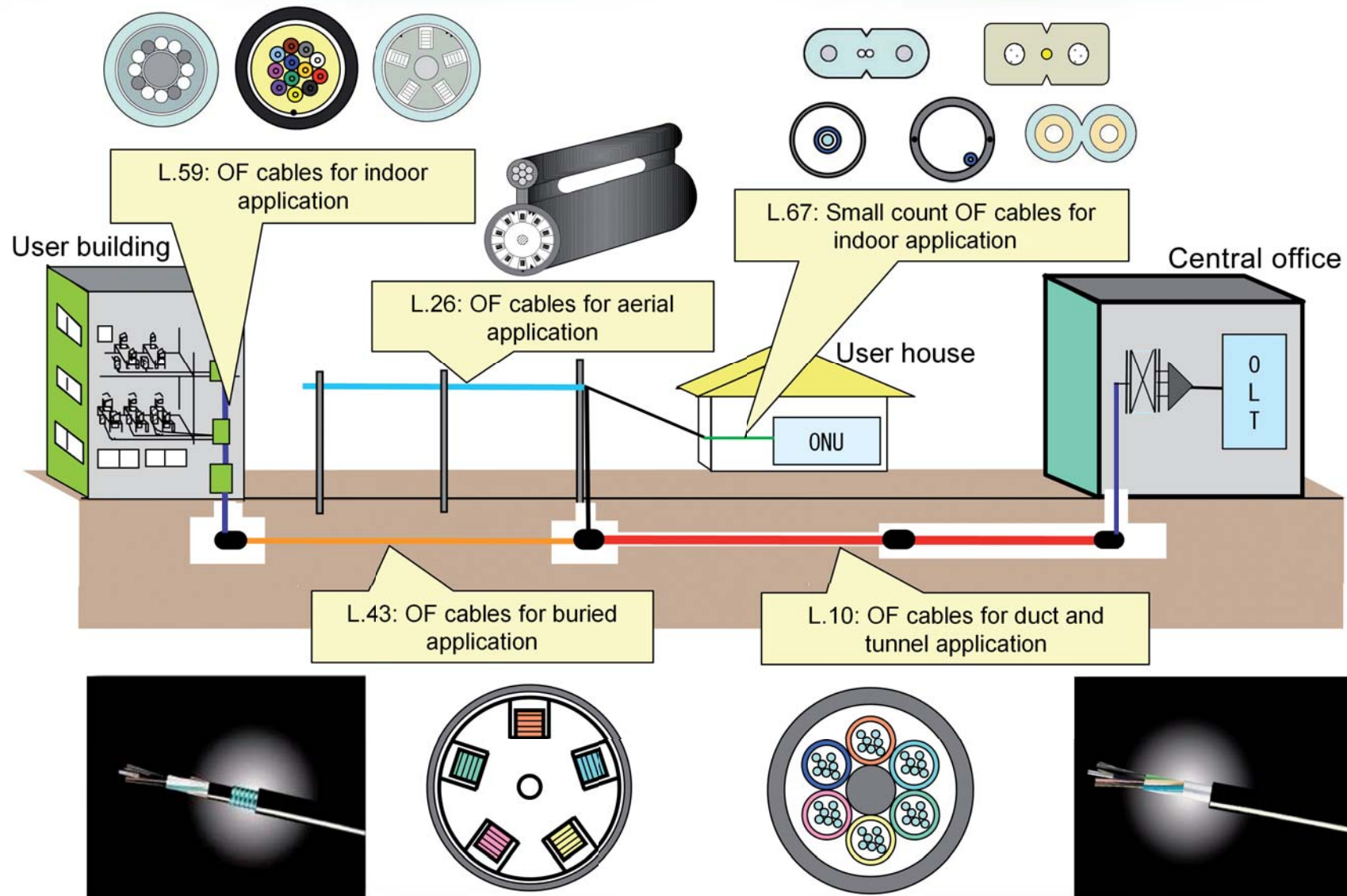
For more information on Recommendations about optical fibre cable constructions, please check the ITU-T Study Group 15 website at: www.itu.int/ITU-T/com15

Optical fibre cable structures

Optical fibre cables for different applications and installation environments

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OF: optical fibre ONU: optical network unit OLT: optical line termination