

PREMIUM



BACKHAUL

FIBRE OPTIC BACKHAUL LINKS

Supplying one or more pairs of fibre optic cables that connect a Peripheral Delivery Point (in the specific case a Base Radio Station) to an Operator delivery point, where the interconnection with its network occurs.

WHO IS IT AVAILABLE TO?

FiberCop, as Wholesale-only Operator, does not market its own services to the final customers, but offers intermediate network services to the Operators with an individual licence, or general authorisation in terms of telecommunications networks and services, in line with the provisions of the “electronic communications code”.

CHARACTERISTICS OF THE SERVICE

The fibre optic Backhaul Link service involves supplying links consisting of pairs of fibre optic cables that connect a Peripheral Delivery Point (usually a Base Radio Station) to an Operator delivery point, where the interconnection with its network occurs.

The Operator Delivery Point may vary according to the Operator’s network infrastructure:

- street point of CNO (Optic Node Centre) or CRO (Fibre Optic Cross Connect Cabinet) of the secondary FTTH optical network;
- central point where the Operator is present.

The Operator may request different types of connection:

- one or more pairs of fibre optic in a single run, or on the same network path;
- one or more pairs of fibre optic cables with different paths (the peripheral area is reached from the Operator Delivery Point through several network paths not overlying each other).

In general, the request of the Operator will be subject to a suitable Feasibility Study to assess the method of connection, even by making a special excavation to provide the requested service.

FiberCop is responsible for all the activities necessary for making the connection on public land, including the permit requests to the Competent authorities. The Operator is responsible for preparing the infrastructures to take the fibre optic cable from the last manhole of the FiberCop network present on public land, to inside the private property at the Termination Point.

As an additional service, there is the possibility of asking FiberCop to also carry out work inside private property, by means of joint definition with a special inspection of the works to perform at the Termination Point.

ADDITIONAL TECHNICAL INFORMATION

The delivery to the Operator of the P2P link is carried out in the envisaged points in the following manners:

- At the Peripheral Delivery Point (radio station or other) in different ways:
 - by terminating the link in a special optic connector;
 - installing a MOC, Compact Optic Module, for terminating the Connection;
 - directly to the optic connector in which the Operator's equipment is inserted.
- At the Operator's Network Presence Point, that according to their needs, may be positioned:
 - at any FiberCop CNO (Optic Node Centre) or CRO (Fibre Optic Cross Connect Cabinet) present on the roadside;
 - inside the Station in which the Operator is already present, prior to indicating the spaces and/or equipment at their disposal; in this case FiberCop will also make the connecting between the secondary network and the primary network in relation to the Operator's needs.

CONDITIONS OF SUPPLY

The fibre optic Backhaul links illustrated above are characterised by a high level of customisation of the infrastructure. On the basis of this consideration, any request of this kind will be examined by FiberCop, in terms of effective feasibility (Feasibility Study), whose outcome will be communicated to the Operator, through the special commercial structures. The requests must arrive in the manners indicated by the FiberCop commercial structure.

PRICES

The Service envisages two purchase methods:

- pay per use leasing, with a monthly fee and one-off Activation payment, along with any one-off execution contribution in the event of a need to excavate/modify the network to reach the Peripheral Delivery Point; this offer envisages indicating a minimum duration period of the service;
- long term lease in IRU, with the payment of an IRU contribution and a one-off Activation Fee, in addition to any one-off execution contribution in the event of excavation/modification of the network for reaching the Peripheral Delivery Point; the duration of the IRU will be defined in accordance with the Operator's request.

The economic conditions will be subject to a specific quotation on a time-by-time basis, according to the feasibility study.