

## ULL

To directly connect your customers to your network.



The ULL service allows the Operator to establish a direct commercial relationship with their end customer and to provide their services without the intermediation of FiberCop, which only provides the physical resource (the copper pair).

### Caratteristiche del servizio

Coverage	Delivery times	Technical Support
In all FiberCop's central offices where the Operator is colocated	Existing installation already active with another Operator 95% of installations by the agreed date.	95% of trouble tickets resolved within 2 days from the date of reporting.
	New installations 95% of installations within 7 days from the date of request.	

## Who is it for

The service is aimed at infrastructure operators who want to provide their services to their customers using the copper pair connecting the FiberCop central office and the end customer. The end customer of the operator maintains a commercial relationship only with the operator, even though they use a "copper pair" owned by FiberCop.

## **Preliminary Services**

Colocation

## **Service Description**

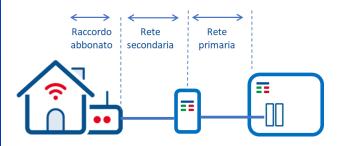
The ULL (Unbundling Local Loop) service consists of renting the copper pair from the customer's premises to the exchange (Line stage). In the case of a ULL service request for a customer with their own active numbering, it is possible to request the service with simultaneous number portability (ULL + NP).

## **Operator Usage**

Allows exclusive use by the Operator of the telephone pair connecting their end customer to the FiberCop exchange. In offering to their customer, the Operator can use their own transmission technologies as long as they are provided for in the ULL offer (voice services, ADSL services, VDSL services).

The unbundled access ULL service is the elementary "building block" for providing voice and/or xDSL services to the Operator's end customer.

## ULL



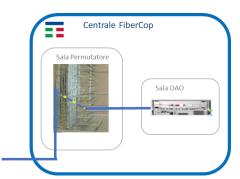
### **Network Diagram: Access Network**

Typically, the copper pair rented in ULL consists of 3 elements:

- 1. Subscriber connection: the terminal block and connecting pair with the building box (enclosure, distributor).
- 2. Secondary pair: connecting pair between the building box and the street-side distribution cabinet.
- 3. Primary pair: connecting pair between the distribution cabinet and the urban exchange, including exchange towards the Operator's positions.

## **Network Diagram: In Central Office**

The exchange is performed on the positions assigned to the Operator at the horizontal exchange, and the equipment of the Operators for providing their services are connected to the same positions.



## **Prices**

The ULL service is a regulated service, and the tariffs are approved by AGCOM and are "cost-oriented". The tariff structure is divided into:

- 1.Rental fee
- 2.Contribution for existing installation already active with another Operator
- 3. Contribution for new installation realization



## **Regulatory Conditions**

The service is exclusively aimed at:

- Operators holding an individual license or general authorization for pre-existing public telecommunications networks and services prior to the entry into force of Legislative Decree No. 259 of August 1, 2003, known as the "Electronic Communications Code" (as per Article 38 of the Code), as last amended by Legislative Decree No. 70 of May 28, 2012.
- Companies holding a general authorization for electronic communication networks and services pursuant to Article 25 of Legislative Decree No. 259 of August 1, 2003, as last amended by Legislative Decree No. 70 of May 28, 2012.

The ULL Offer is "regulated", meaning it is subject to approval in all its aspects by the Authority for Communications Guarantees (AGCom) and is updated annually and published on this website in the Reference Offers section of this service.

# **==FiberCop**