



# Wholesale Market

ULL

Directly connect your customers to  
your network



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

## Service features

Coverage	Delivery time	Technical assistance
In all TIM exchanges where the Operator is collocated	<p><b>System already active</b> with another Operator 95% of systems on the agreed date</p> <p><b>New systems</b> 95% of systems within seven days from the date of the request</p>	95% of TTs resolved within two days from date of report

## Who is it for?

The service is suitable for infrastructure operators wishing to provide their customers with their services using the copper pair connection between the TIM cabinet and the end-customer.

The Operator's End-Customer who only has a business relationship with the Operator, even though they use a 'twisted pair' owned by TIM.

## Preliminary Services

Colocation

## Description of the service

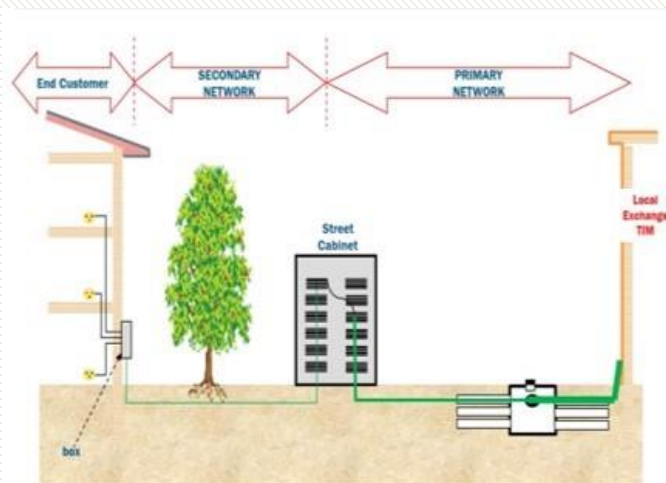
The **ULL** (Unbundling Local Loop) service consists of renting the copper pair from the customer's premises to the exchange (Line Stage). If the ULL service is requested on a customer with an active number, you can request the service with simultaneous number portability (ULL + NP).

## **Use by the Operator**

allows the Operator's exclusive use of the telephone pair connecting its end-customer to the TIM cabinet. In the offer to its customers, the Operator may use its own transmission technologies, provided they are included in the ULL offer (voice services, ADSL services, VDSL services).

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





## Network diagram: access network

Typically, the ULL leased pair consists of three elements:

- Subscriber stud and twisted pair connection to building box (lightwell, distributor);
- Secondary twisted pair connection between building box and serving area interface street cabinet;
- Primary twisted pair connection between serving area interface cabinet and Main Distribution Frame, including exchange to Operator locations.

## Network diagram: in the exchange

The distribution is carried out on the positions assigned to the Operator at the horizontal distribution frame. The Operators' equipment for the provision of their services is connected to the same positions.



## Regulatory Conditions

The service is exclusively for:

- Operators with an individual license or a general authorisation for telecommunications networks and services for public use which existed before the entry into force of Italian Legislative Decree no. 259 of 1 August 2003, containing the 'Electronic Communications Code' (referred to in Article 38 of the Code), as last amended by Italian Legislative Decree no. 70 of 28 May 2012.
- Companies with a general authorisation for electronic communications networks and services pursuant to Art. 25 of Italian Legislative Decree no. 259 of 1 August 2003, as last amended by Italian Legislative Decree no. 70 of 28 May 2012.

The ULL Offer is 'regulated', meaning it is subject to approval in all its aspects by the Italian Communications Regulator (AGCom) and is updated every year and published on this website in the Reference Offers section of this service.

## Prices

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

the ULL service is a regulated service, tariffs are approved by AGCOM and are 'cost-oriented'

Monthly

Contribution for installation  
already

Contribution to implementation

in operation with another  
Operator

new installation

€8.76

€24.06

€51.02



# Wholesale Market

**TIM SPA**

Registered Office: Via Gaetano Negri, n.1 - 20123 Milano  
Sub-Office and General Management: Corso d'Italia, n. 41 - 00198 Roma  
Certified email box (PEC): [telecomitalia@pec.telecomitalia.it](mailto:telecomitalia@pec.telecomitalia.it)

Tax Code/VAT no. and Milan Company Register no.: 00488410010  
Entry in the Register of Producers of Electrical and Electronic  
Equipment (AEE) IT080200000799  
Share Capital €11,677,002,855.10 fully paid-up