



Wholesale Market

Optical Fibre termination segments

Carry out the last leg of the connection to your customer by renting the TIM Termination already present in the building



Optical Fibre Termination Segments

Service for accessing TIM's NGAN network via FTTH from the exchange to the customer's premises.

The service consists of renting a single unplugged optical fibre cable that connects in a vertical section a distribution point, to which the Operator's optical fibre network is connected, with a subscriber socket within a Property Unit.

Service features

Supply

Calendar days (100% of cases) by
19 days

Who is it for?

The service is designed for Operators intending to offer their End-Customers an Ultra Broadband access service and who reach, with an Optical Fibre network, the base of a building cabled in Optical Fibre by TIM .

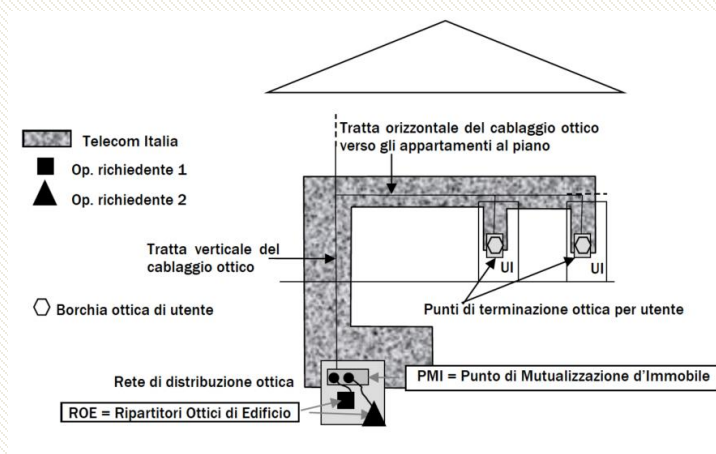
Description of the service

The **Optical Fibre Termination Segment** service is a wholesale access service to TIM's NGAN network in FTTH configuration (all Optical Fibre from the exchange to the customer's premises). The service consists of renting a single unplugged optical fibre cable that connects in a vertical section a distribution point, to which the Operator's optical fibre network is connected, with a subscriber socket within a Property Unit.

The optical fibre belonging to TIM's NGAN FTTH network are only those active or activatable in buildings 'fibre optically connected' by the latter. 'Connected' buildings are those reached by TIM's FTTH Secondary Network, in which the optical fibres are attached to one of its Building Optical Distributors (BOD), which can serve several PUs, and which is usually located at the base of the building itself.

The Optical Fibre service can be either that serves an already connected and active Customer (migration) or that which is to be built to serve a Customer to be connected and activated.

The service includes both the qualification activity of the Optical Fibre of the Termination Segment, in terms of compliance and compatibility for the provision of FTTH services, and the maintenance activity of the same.



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At the request of the Operator, TIM also provides the following ancillary services :

- Optical interconnection of a SdT_FO with an Optical Fibre of the Secondary Network ordered by the same Operator, via a connecting link at the Building Termination Point (PTP);
- Testing of the complete Secondary Optical Fibre and SdT_FO connection.

The Optical Fibre Termination Segment service is not offered if:

- there is no availability of sufficient network resources to provide the service;
- there are insurmountable technical obstacles to the provision of the service;
- the-optical fibre termination segment is not owned by TIM .

The service is based on the 'mutualisation' principle, whereby TIM sets up, at the base of the buildings reached by its NGAN FTTH network and therefore 'connected by fibre', a distribution point known as a 'Point of Mutualisation of Property' (PMP), where TIM provides the Termination Segment to the requesting Operator. The PMP is equipped with appropriate optical connectors to allow a Customer to pass between Operators in the 'fibre-connected' building.

TIM communicates the 'FTTH coverage', namely the updated list on a national basis of the building addresses it has 'connected in fibre' and those it has planned to connect, in the area reserved for Operators in the Wholesale Portal.

Operators interested in activating an SdT_FO, who have already installed their own Cable Termination Module (CTM) in the building of interest and have already connected it to the TIM Network, may directly send TIM a specific order, providing all the information necessary to identify the PU to be served and the location of the TIM Termination Segment on their CTM equipment. If it has not done so, the Operator shall send TIM a prior request for a Feasibility Study (FS).

The timing of the SLA (Service Level Agreement - Provisioning) is therefore different for direct orders and for those requiring a preliminary FS.

After delivery of the Termination Segment, the Operator shall have a period of 10 working days to report any malfunctions found, after which the Operator shall be deemed to have taken charge of the Termination Segment.

Regulatory conditions

The service is 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.



Optical Fibre Termination Segments

The Offer relating to the Laying and Adduction infrastructure service is 'regulated'; that is, 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 cost of access to the Optical Fibre Termination Segment consists of contributions and a monthly fee; Please refer to the current reference Offer for pricing details.





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TIM SPA

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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