



Proximus access to the Shared Pair Service

Connection to the colocation

Local Distribution Center (LDC)

Annex B 2.5 Service Description 3045

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Our reference: MSO & Servicing version

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## 1. Scope

1. This Service Description deals with the definition of the service, equipment and application requirements for the connection of the Shared Pair Service to the colocation of the Beneficiary.
2. Colocation is a prerequisite for the implementation of this Service Description. The installation and maintenance of colocation will be made by Proximus.

## 2. Definition of the service

3. The following cases of Proximus colocation exist:

- (1) Colocation within the LDC<sup>1</sup>
- (2) Street cabinet adjacent to the LDC<sup>2</sup>
- (3) Beneficiary will bring the cabling up to the LDC<sup>3</sup>, the demarcation point is determined at the MDF in the LDC<sup>4</sup>

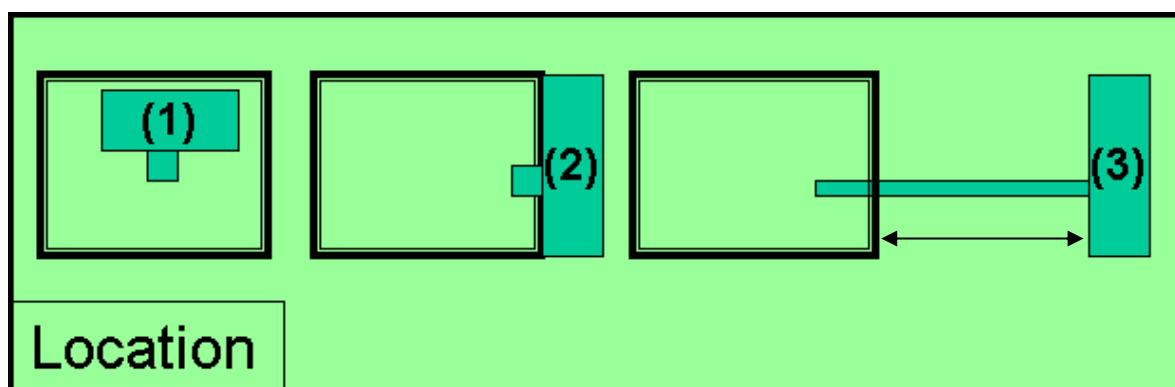


Fig. 1: Cases of Proximus colocation at LDC level

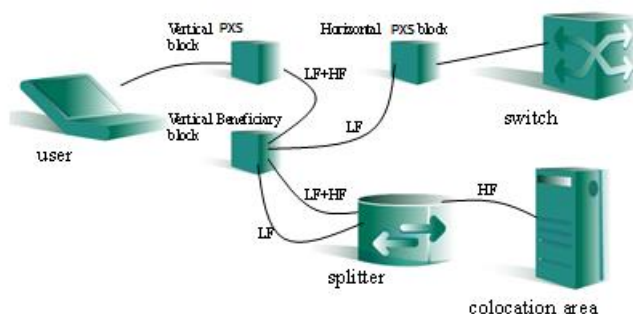
<sup>1</sup> Applicable for colocation cases 2.2.1 and 2.2.2 in Service Description “LDC Colocation” of the Colocation Offer.

<sup>2</sup> Applicable for colocation case 2.2.3 in Service Description “LDC Colocation” of the Colocation Offer.

<sup>3</sup> Applicable for colocation case 2.2.4 in Service Description “LDC Colocation” of the Colocation Offer.

<sup>4</sup> The cable will be installed by the Beneficiary up to the entrance of the LDC; the cable specifications will be agreed between Proximus and Beneficiary.

4. At the Proximus LDC, the copper wires are terminated on the Main Distribution Frame. Beneficiary's access to the Shared Pair Service will be established with Connection Cables and Tie Cables from the Main Distribution Frame of the Proximus LDC to Beneficiary's colocation in that same Proximus LDC.
5. Both the high and low frequency are brought to dedicated Beneficiary blocks. From a 48 pair block, a Connection Cable brings the high frequency and the low frequency to the Splitter rack of Proximus. The low frequency is brought back to another or the same 48 pair Beneficiary block. A Cable is connected from this position to a Proximus horizontal block that leads to the voice switch of Proximus for providing the ISDN or PSTN Proximus Service. Between the Splitter rack and the colocation, the transport of the signal is done by use of Tie Cables.



LF: Low frequency, HF: High Frequency

Fig. 2: Connection to the colocation

6. Beneficiary will order the Tie Cables, Connection Cables, Blocks and Splitters at Proximus LDC prior to the request of Shared Pair Services for individual End-Users. This ordering process is described in "Annex E: Planning and Operations Manual".
7. If at a certain moment, no more free wires or positions on the blocks are available, the specific requests for individual End-Users, issued by the Beneficiary, will be discarded since the provisioning of the Shared Pair Service cannot be performed.
8. The connectivity at the LDC of the Shared Pair is only possible if the voice service starts in the LDC.

### 3. Order increments

9. The default standard unit that Beneficiary can order for the provisioning between blocks on the MDF and the colocation is as follows:
  - 24 connections in case of LDC Building or LDC Cabinet colocation for connection of Shared Pair Services: the blocks on the MDF will be 1x48 pair blocks, the cabling 3x24 pair shielded cables, Splitters 1x24 defined as being Splitters for PSTN. Proximus no longer accepts orders of Splitters for ISDN lines.
  - 24 connections in case of LDC Cabinet or LDC Cross connection cabinet for connection of Shared Pair Services: the blocks on the MDF will be 1x48 pair blocks, the cabling 3x24 pair shielded cables, Splitters 1x24 defined as being Splitters for PSTN, inside the cabinet the Tie Cabling will be terminated on LSA blocks. Proximus no longer accepts orders of Splitters for ISDN lines.