



Proximus access to the Shared Pair Service

Connection to the colocation area

Distant Colocation

Annex B 2.3 Service Description 3035

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1. Scope

1. This Service Description handles the definitions, equipment and application requirements for the connection of the Shared Pair Loops to the cross connection cabinet of Beneficiary, whereby Proximus delivers the equipment mentioned below. The present Service Description is only applicable on the sites where Beneficiary has no Physical Colocation already at his disposal.

2. Definition

2. At the Proximus Local Exchange, 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 Extended Tie Cables from the Main Distribution Frame of the Proximus Local Exchange to Beneficiary's cross connection cabinet.
3. 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 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 cross connection cabinet, the transport of the signal is done by use of Extended Tie Cables.

Proximus Local Exchange Building

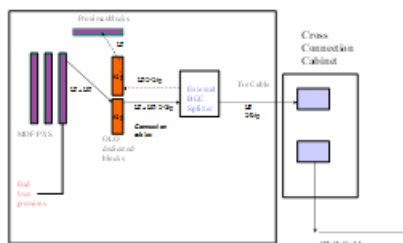


Fig. 1

4. The existence of a cross connection cabinet is a prerequisite for the implementation of this Service Description. The construction of the cross connection cabinet is outside the scope of this agreement.

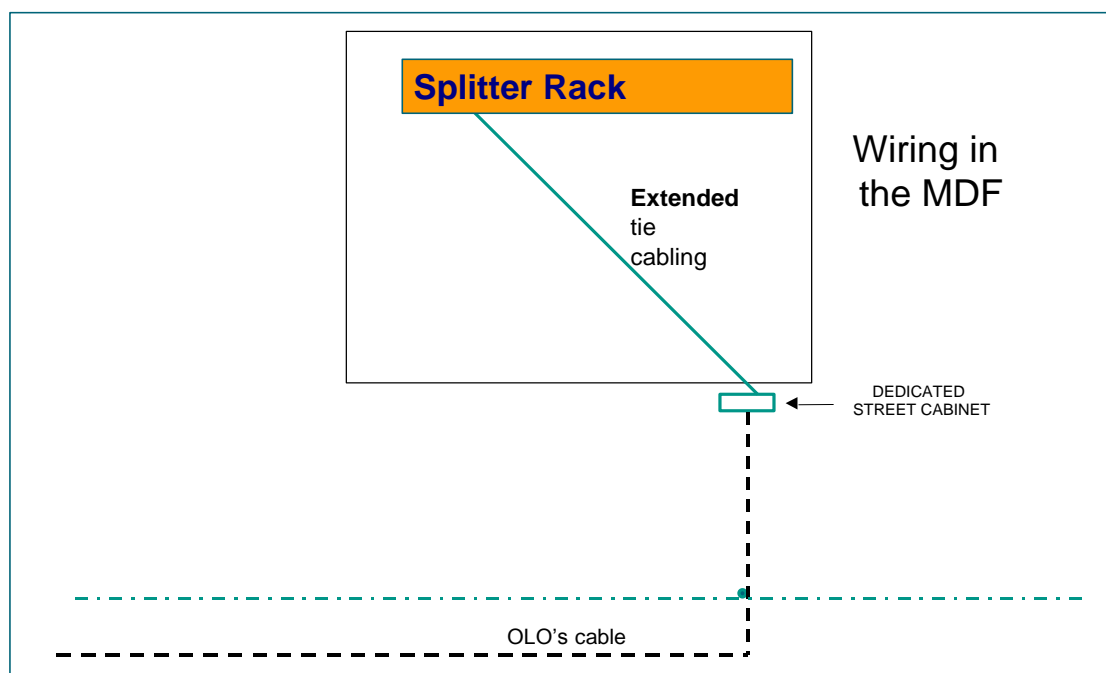


Fig. 2

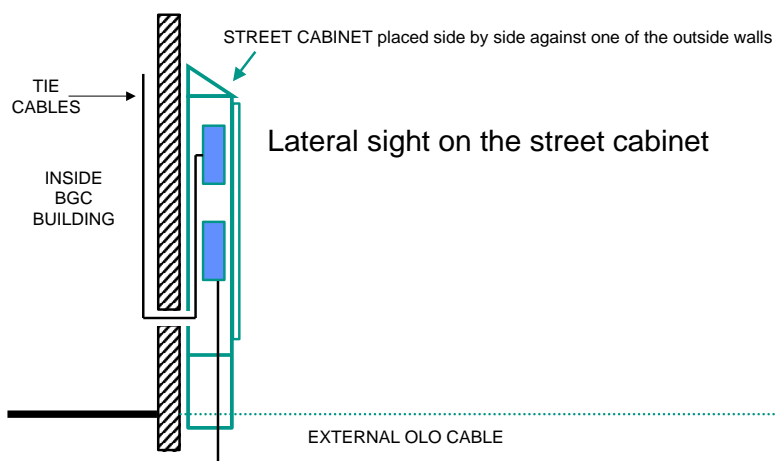


Fig. 3

5. Beneficiary will order the Extended Tie Cables, Connection Cables and Blocks at Proximus Local Exchange building prior to the request of Shared Pair Services for individual End-Users. This ordering process is described in "Annex E: Planning and Operations Manual".
6. 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.

7. The connectivity at the LEX of the Shared Pair is only possible if the voice service starts in the LEX. If the voice service resides at the LDC level, it can be moved if possible to the LEX level in order to allow the Shared Pair for that End-User at the LEX. The Beneficiary will pay the costs for this action.
8. The default standard unit that Beneficiary can order for the provisioning between blocks on the MDF and the Colocation area is as follows:
 - Blocks are 48 pair blocks. The minimum installation requires 2 blocks; 1 for cross connecting high and low bandwidth, 1 for connecting low bandwidth back to the Proximus voice switch.
 - Cables will be per 24 pairs of shielded cable. The minimum installation requires 3 times 2*24 pairs; 2 times 2*24 pairs for the Connection Cable between Beneficiary blocks and Splitter rack, 1 time 2*24 pairs for the Tie Cable to the Colocation area of Beneficiary.
 - Splitters per 48. The Splitters have to be defined –per number of 24 Splitters– as being Splitters for PSTN lines. Proximus no longer accepts orders of Splitters for ISDN lines.
9. Upon specific request of the Beneficiary, the incremental unit of ordering Tie Cables can be lowered to:
 - 1 Block of 48 pairs
 - Cables will be per 24 pairs of shielded cable. The installation requires 3 times 24 pairs; 2 times 24 pairs for the Connection Cable between Beneficiary blocks and Splitter rack, 1 time 24 pairs for the Tie Cable to the Colocation area of Beneficiary.
 - Splitters per 24. The Splitters have to be defined as being Splitters for PSTN lines. Proximus no longer accepts orders of Splitters for ISDN lines.
10. The request for this lower increment must be explicitly notified to Proximus. The prices for this lower increment can be found in “Annex H: Pricing and Compensations”.

3. Distant Colocation

11. Distant Colocation is a prerequisite for the implementation of this Service Description. The installation and maintenance of colocation will be made by Proximus, as presented in the “Proximus Distant Colocation Agreement” published on the website of Proximus wholesale.

4. Provisioning of blocks and Extended Tie Cables

12. Reference is made to “Annex E: Planning and Operations Manual”.

Product	Comments
1. 48 pair blocks for the provisioning of SPP loops	Ordering per increment of 2
2. 24 pair shielded cable for the provisioning of SPP loops	Ordering per increment of 6: 4 for connection cabling, 2 for extended tie cabling
3. 48 Splitters for SPP loops	Default Ordering per increment of 1

Note: the above services are settled according to “Annex H: Pricing and Compensations”.

5. Provisioning of connectors

13. The modules in the cross connection cabinet are composed of connectors. The unit that Beneficiary can order are:
- 48 connectors type LSA + (a+b+s) for SPP loops

Product	Comments
4. 48 connectors type LSA + (a+b+s) for SPP loops	Ordering per increment of 1

Note: the above services are settled according to “Annex H: Pricing and Compensations”.

14. As in Section 2 and upon specific request of the Beneficiary, the incremental unit of ordering connectors can be lowered to:
- 24 Connectors of type LSA + (a+b+s) for SPP loops
15. The request for this lower increment must be explicitly notified to Proximus. The prices for this lower increment can be found in “Annex H: Pricing and Compensations”.

6. Jumpering in the cross connection cabinet

16. As indicated above, the Beneficiary will be responsible for handing over the necessary cable with the required distance to Proximus. Proximus will be responsible for bringing the cable up to the cross connection cabinet and connecting the Beneficiary cable to the lower blocks in the cross connection cabinet.
17. The Beneficiary is further responsible for dimensioning the cable and selecting the pairs within the Beneficiary cable.
18. Proximus will not be responsible for jumpering between the upper blocks and the lower blocks in the cross connection cabinet. Proximus can also not be held responsible for any disturbances caused in the signal due to the choice between the pairs in the external Cable provided by Beneficiary going to the Beneficiary premises.