



Addendum to Bitstream Fiber GPON

Bitstream Fiber GPON Shared VLAN: Update GPON UNI rate limiting Type 3

Communicated to BIPT on 16/06/2021

Sensitivity **Confidential**

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1. Purpose

In order to take into account customer's needs for higher bandwidth, Proximus is constantly reviewing its GPON product portfolio. In this sense, the UNI rate limiting Type 3 of the Bitstream Fiber GPON Shared VLAN offer will be upgraded with a higher upload speed.

The present addendum is communicated to the BIPT in order to update the reference offer of Bitstream Fiber GPON to reflect this change.

2. Scope & planning

This addendum is applicable to the Bitstream Fiber GPON services (with shared VLANs), as described in the related reference offer.

The present addendum has been communicated to the BIPT in order to become effective as from **16/12/2021**¹.

¹ Proximus might postpone this date in order to guarantee the quality of the deliverables.

3. Updated UNI rate limiting Type 3 for Shared VLAN

The UNI rate limiting Type 3 bandwidth will be updated in the Bitstream Fiber GPON Shared VLAN portfolio.

4. Ordering and provisioning process

This update does not have any impact on the ordering process, nor on the communication flows during the ordering and provisioning of the updated Fiber GPON services.

The UIDs to use for the ordering remain the same for the concerned UNI rate limiting Types.

5. E-Tools

This update does not have any impact on the inquiry tools.

6. Fault reporting and repair process

This update does not have any impact on the fault reporting and repair process, nor on the communication flows during the fault reporting and repair process of Fiber GPON services.

7. Pricing

The monthly rental fee and the Ethernet transport per End-User line for the UNI rate limiting Type 3 remain unchanged.

One-time fees will be the same as for the existing UNI rate limiting Types.

8. Impact on the regulated offer

8.1 Adaptation on the Bitstream Fiber GPON documents

The sections of the Bitstream Fiber GPON offer documents which are impacted by this addendum are indicated in the subsequent paragraphs (changes are highlighted in pink). These adaptations refer to the Bitstream Fiber GPON reference offer (version 4), approved by BIPT on 21/05/2021.

8.1.1 Adaptations implemented as from 16/12/2021

Annex 2 - Technical Specifications

In section 8.5.1 Shared VLAN:

Rate limiting per VLAN at UNI

A rate limiting is applied in upstream and downstream, on the flows of the UNI, as described in Table 2 below.

The burst size of the rate limiter on the UNI-interface for the P5 service class is 22500 octets of contiguous packets in the upstream.

Profile In Mbps	P0 + P1 Max DS/Max US	P3 Max DS/Max US	P5 Max DS/Max US
Type 0	50/10	65/2 (Unicast)	12/12
Type 1	150/50	65/2 (Unicast)	12/12
Type 2	500/100	65/2 (Unicast)	12/12
Type 3	1000/500	65/2 (Unicast)	12/12

Table 2: Rate limiting types - Shared VLAN

Annex 5 – Pricing, Compensation and Billing

In section 2.2.1.4 Ethernet Transport per End-User line:

This fee is due on top of the applicable Bitstream Fiber GPON End-User line monthly rental fee (section 2.3.4.1)

	Type 0	Type 1	Type 2	Type 3
Speeds Mbps (Down / Up)	50/10	150/50	500/100	1000/500
Transport fee (PO, per End-User line)	€0,80	€1,40	€2,00	€6,00

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