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Addendum to Bitstream Fiber PON

Bitstream Fiber PON Shared and Single VLAN: Updated UNI rate limiting Types

Approved by BIPT on17/07/2026
Sensitivity Confidential

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1. Purpose

The speed of the UNI rate limiting Type 1, Type 2 and Type 3 will be upgraded for the Bitstream Fiber PON Shared and Single VLAN offer.

The present addendum is communicated to the BIPT in order to update the reference offer of Bitstream Fiber PON to reflect these changes.

2. Scope & planning

This addendum is applicable to the Bitstream Fiber PON services (with Shared and Single VLANs), as described in the related reference offer.

The present addendum has been communicated to the BIPT in order to become effective as from 01/11/2026 [1].

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

3. Updated UNI rate limiting Type for Shared and Single VLAN

The speed of the existing Type 1, Type 2 and Type 3 will be upgraded.

An overview of all profiles on Shared and Single VLAN that will be available as of the launch can be found in the table below:

Access Type	Speed (down/up)[2]
Type 0	50/10 Mbps
Type 1	250/250 Mbps
Type 2	500/500 Mbps
Type 3	1000/750 Mbps
Type 4	2,5/2,5 Gbps
Type 5	8,5/2,5 Gbps
Type 5b	8,5/8 Gbps

[2] Note that in general all PON speed profiles are always up to, without guarantee that the max speed is reached at all times.

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 PON services as described in the prevailing version of the Bitstream Fiber PON Reference Offer (version 6.3 – Addenda integration).

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

5. E-Tools

This update does not have any impact on the pre-check 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 PON services.

7. Pricing

No pricing impact.

8. Impact on the regulated offer

8.1 Adaptation on the Bitstream Fiber PON documents

The sections of the Bitstream Fiber PON 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 PON reference offer (version 6.3 – Addenda integration), communicated to the BIPT on 17/05/2023, including all addenda subsequently approved by the BIPT.

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[3]	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	250/250	65/2 (Unicast)	12/12
Type 2	500/500	65/2 (Unicast)	12/12
Type 3	1000/750	65/2 (Unicast)	12/12
Type 4	2500/2486	65/2 (Unicast)	12/12
Type 5	8500/2486	65/2 (Unicast)	12/12
Type 5b	8500/8000	65/2 (Unicast)	12/12

Table 2: Rate limiting types - Shared VLAN

[3] The speed profiles are up to, without guarantee that the max speed is reached at all times.

In section 8.5.3 Single VLAN :

Profile In Mbps[4]	Sum of pbits Max DS/Max US
Type 0	127/24
Type 1	327/264
Type 2	577/514
Type 3	1000/764
Type 4	2500/2500
Type 5	8500/2500
Type 5b	8500/8014

Table 5: Rate limiting types - Single VLAN

[4] The speed profiles are up to, without guarantee that the max speed is reached at all times.

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