
TITLE **Request for additional ADSL bitrates**

PROJECT **ADSL**

SOURCE: KPN Research, BT, Telia, Swisscom, DTAG, Telecom Italia

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STATUS for decision

The way ADSL is currently being deployed in the field, is a little bit different from what was expected a few years ago. This is because the crosstalk noise is higher than was assumed in the past. To provide services to customers via longer loop length, the deployed bitrate is in many cases lower than the minimum values mentioned in the ADSL standard. Fortunately, most (all?) state of the art ADSL transceivers have no trouble in supporting these lower bitrates. Moreover, a few bitrates inbetween the ones that are currently defined are used in some countries as well

This contribution proposes to include the following payload bitrates to the ADSL standard (for ADSL over POTS, as well as ADSL over ISDN; and for both the Echo Cancelled and FDD variants)

Downstream:	512 kb/s	768 kb/s	1544 kb/s	6144 kb/s
Upstream:	64 kb/s			

We would like to have these bitrates included in the performance tests as well.