
DSL and MoCA

Asymmetric Digital Subscriber Line (ASDL)

- Standards
 - ADSL (ANSI T1.413 Issue 2, ITU G.992.1, ITU G.992.2)
 - ADSL2 (ITU G.992.3, ITU G.992.4, ITU G.992.3 Annex J, ITU G.992.3 Annex L) ADSL 2+ (ITU G.992.5, ITU G.992.5 Annex M)

Very-high-bit-rate Digital Subscriber Line (VDSL)

- Standards
 - VDSL (ITU G.993.1)
 - VDSL2 (ITU.G.993.2)

Common Name

Standard

Downstream Rate

Upstream Rate

Approved

ADSL

ANSI T1.413-1998 Issue 2

8.0 MB/s

1.0 MB/s

1998

ADSL (G.DMT)

ITU G.992.1

12.0 MB/s

1.3 MB/s

1997-07

ADSL over POTS

ITU G.992.1 Annex A

12.0 MB/s

1.3 MB/s

2001

ADSL OVER ISDN

ITU G.992.1 Annex B

12.0 MB/s

1.8 MB/s

2005

ADSL Lite (G.Lite)

ITU G.992.2

1.5 MB/s

0.5 MB/s

1999-07

ADSL2

ITU G.992.3

12.0 MB/s

1.3 MB/s

2002-07

ADSL2

ITU G.992.3 Annex J

12.0 MB/s

3.5 MB/s

RE-ADSL2

ITU G.992.3 Annex L

5.0 MB/s

0.8 MB/s

splitterless ADSL2

ITU G.992.4

1.5 MB/s

0.5 MB/s

2002-07

ADSL2+

ITU G.992.5

24.0 MB/s

1.1 MB/s

2003-05

ADSL2+M

ITU G.992.5 Annex M

24.0 MB/s

3.3 MB/s

2008

VDSL

ITU.G.993.1

55 MB/s

3 MB/s

2004-06-13

VDSL2

ITU.G.993.2

100 MB/s

100 MB/s

2006-02-17

Multimedia over Coax Alliance (MoCA)

- Standards
 - MoCA (v1.0, v1.1, v2.0)

Common Name

Standard

Throughput

Approved

MoCA

V1.0

175 MB/s

2006

V1.1

175 MB/s

2007

V2.0

500-1000 MB/s

2010

Product Related

- Computers
- Modems
- Set-top boxes
- DSLAM
- Broadband Servers