

120 « -10:
- » -
= -
« -10:
120- . -2014. - ., .2. - .289-291 »,

PLC

. . .
, . ;
, , ;
; ;
; ;
, ,
, .

PLC (Power Line Communications -
, PLT (Power Line Telecoms),
,
(PL) 1 /

(NPL) 500 / .
PLC
PLC,

Power Line

PowerLine-
,
,
PLC
4
,
PLC.
PowerLine-
(10),
,
PowerLine-
,
,
PowerLine- .PowerLine-
« »,
IEEE, ETSI,
CENELEC, OPERA, UPA HomePlug Powerline Alliance.
I
PL.
IEEE P1675, «Standard for
Broadband over Power Line Hardware».
ETSI Technical Committee Power-Line
Telecommunications (PLT), PLC.
CENELEC -
PLC, CENELEC
PLC ;
EN55022.
Open PLC European Research Alliance (OPERA) 2004
Broadband for All
OPERA
PHY, MAC
UPA 2004
UPA PLC
. UPA
PLC.

HomePlug (

),

,

, 2000

HomePlug Powerline.

80

: Motorola, France Telecom, Philips, Samsung, Sony,

Matsushita, Sanyo, Sharp, Panasonic

«HomePlug Certified»

HomePlug

Powerline

HomePlug Powerline Specification 1.0

Power Package™,

Intellon (USA)

HomePlug Powerline Alliance.

Scottish Hydro Electrics.

PC Advisor,

150

2

/

PLC

RWE.

PLC-

2005

750

Gigabit

Ethernet.

2006

PLC

2007

PLC

PLC-

«

».

...