

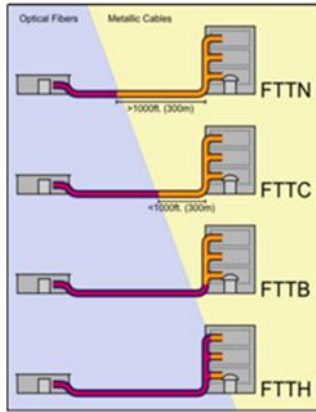
FTTx

- 1):
- FTTN (Fiber to the Node) –
- FTTC (Fiber to the Curb) –
- FTTB (Fiber to the Building) –
- FTTH (Fiber to the Home) –

FTTC

xDSL PON,

Ethernet-



. 1. FTTx

FTTN (Fiber to the Node)

FTTB

FTTB

« »

FTTN FTTC (Fiber to the Curb).

FTTN/FTTC

FTTB
FTTN/FTTC,

FTTB

VDSL2.

Ethernet -

[4].

FTTB

FTTC –

FTTN,

FTT

FTTC

FTTH (Fiber to the Home) –
().

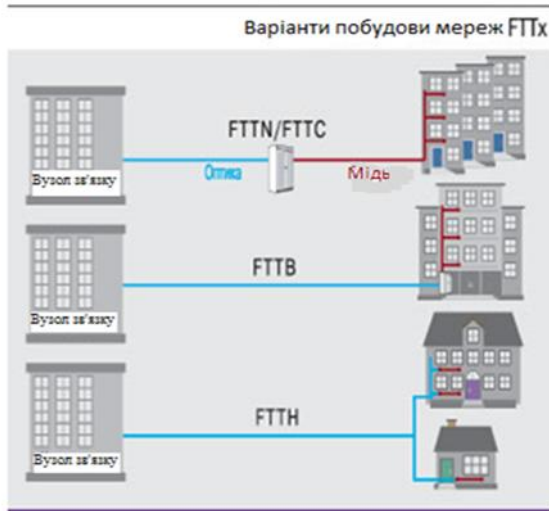
Ethernet.

FTTH

FTTx – [5]. Ethernet), FE/GE (Fast Ethernet/Gigabit Ethernet), Ethernet

FTTx (. 2):

- FTTH–Fiber to the Home ();



. 2. FTTx

- FTTP–Fiber to the Premises (FTTH FTTB);
- FTTO – Fiber to the Office (FTTB);
- FTTC–Fiber to the Curb ();
- FTTCab – Fiber to the Cabinet (FTTC);
- FTTR –Fiber to the Remote ();
- FTTOpt–Fiber to the Optimum ().

FTTx.

(PDH SDH).

1 Ethernet 10/100 BaseT. FTTB, FTTH

Fast Ethernet/Gigabit Ethernet (FE/GE), LAN, MAN,

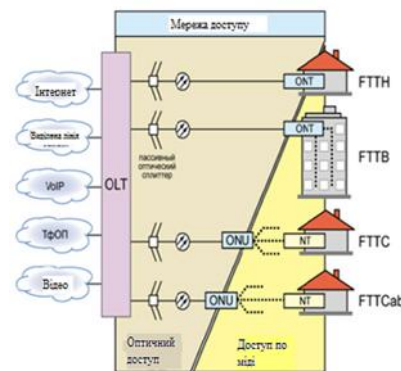
WAN [6].

Ethernet FE/GE (Fast Ethernet/Gigabit Ethernet), Ethernet PON, Gigabit Ethernet PON, PON, PON, [7]. GE PON, GE GE QoS. PON (Passive Optical Networking),

FTTH FTTB, DSL-. 3

IPTV

FTTB.



. 3.

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12.03.2014

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IPTV

FTTx

IPTV

xDSL

IPTV

IPTV.

IPTV.

FTTx.

FTTx, Fiber to the , IPTV, Internet Protocol Television,

CHOOSING THE OPTIMAL SCENARIO FOR IPTV DEVELOPMENT

G.A. Grynkevych, I.V. Zhytnyk, E.A. Osypov, S.V. Nechaev

In the paper the choice of optimal development of IPTV. Performed by the network statistics estimate quality parameters IPTV. An experiment to assess the impact of network parameters on quality indicators. Also, a comparison of technologies accses prospects of implementing the concept FTTx.

Keywords: structure of the network architecture IPTV, Internet Protocol Television, the access network technology, the concept of FTTx, Fiber to the x, customer access network.