

DAFTAR PUSTAKA

- [1] Niswana, Andani Achmad, Dewiani. “Analisis Kualitas Jaringan Akses Indihome Terhadap Kepuasan Pelanggan (Studi Kasus : STO Antang)”. Departemen Teknik Elektro, Universitas Hasanudin Makassar, Vol.2, No.2, 2023.
- [2] Arief Musta’in. “Panduan Design FTTH”. PT. Telekomunikasi Indonesia Tbk.. Versi 1.0, 2012.
- [3] K.A. Mat Sharif, N.A Ngah*, A. Ahmad, K. Khairi, Z.A. Manaf, D. Tarsono. “Demonstration of XGS-PON and GPON Co-Existing in the Same Passive Optical Network”. Telekom Research and Development, Cyberjaya, Selangor, Malaysia. 2018
- [4] Rizky Mauludy Muttaqien¹, Akhmad Hambali, Ir., MT², Musarah Wim. “Perancangan Jaringan Akses Fiber To The Home (Ftth) Menggunakan Teknologi 10 - Gigabit Passive Optical Network (XGPON) Untuk Perumahan Graha Yasa Asri Dengan Ducting Bersama”. Fakultas Teknik Elektro, Telkom University, Bandung. Vol.3, No.2, Agustus 2016
- [5] Mohammed El-Ghazali Hamza, Khalid Bashir Bugaje. “Enhancement of Gigabit Passive Optical High-speed Network using Fiber-To-The-Home”. ICT and Network Engineering, Faculty of Telecommunication Engineering, The Future University – Sudan. 2018.
- [6] Frank J. Effenberger, Hiroaki Mukai, Jun-ichi Kani, Michael Rasztoivits-Wiech. “Next-Generation PON-Part III: System Specifications for XG-PON”. IEEE Communication Magazine, November 2009.
- [7] Stefani Dian Hutami, Teguh Prakoso, Imam Santoso. “Analisis Perbandingan Teknologi GPON dan XGS-PON Pada Perancangan Jaringan Akses Fiber To The Home Perumahan Harmony Residence Jangli”. Transient, Vol.8, No.3. September 2019.
- [8] Yohandri Natan, Sukiswo dan Teguh Prakoso. “Analisis Perbandingan Teknologi Gpon Dan Xgspn Pada Perancangan Jaringan Akses Fiber To The Home Perumahan Greenwood Semarang”. Departemen Teknik Elektro, Universitas Diponegoro. Vol.8, No.3, September 2019.
- [9] Recommendation ITU-T G.984.2. “Gigabit-capable passive optical networks (GPON): Physical media dependent (PMD) layer specification”. : ITU. Agustus 2019.

- [10] Recommendation ITU-T G.987.2. “10-Gigabit-capable passive optical networks (XG-PON): Physical media dependent (PMD) layer specification”. : ITU. Juni 2023.
- [11] Recommendation ITU-T G.9807.2. “10 Gigabit-capable passive optical networks (XG(S)-PON): Reach extension”. : ITU. Agustus 2017.
- [12] Eric Yosua Kusumawijaya, Imam Santoso dan Ajub Ajulian Zahra. “Analisis Teknologi GPON Dan XGS-PON Pada Perancangan Jaringan Akses Fiber To The Home Perumahan Taman Anggrek Graha Padma”. Program Studi Sarjana Departemen Teknik Elektro, Universitas Diponegoro. Vol.9, No.3, September 2020.
- [13] C.J. Anderson, J.A. Lyle, “Technique for evaluation of systems performance using Q in numerical simulation exhibiting intersymbol interface,” *Electronic Letters*, Vol. 30, No. 1, 1994, S. 71-72.
- [14] Bijayananda Patnaik, P.K. Sahu (205) “Optimized Hybrid Optical Communication System for First Mile and Last Mile Problem Solution of Today’s Optical Network” *Sci Verse Science Direct 2nd International Conference on Communication, Computing and Security*, pp. 723-730.
- [15] J.C. Cartledge, G.S. Burley, “The Effect of Laser Chirping on Lightwave System Performance,” *IEEE Journal of Lightwave Technology*, Vol. 7, No. 3, 1989, S. 568-573.
- [16] S. Ridho, A. Nur Aulia Yusuf, A. Syaniri, D. Nikken Sulastrie Sirin, and C. Apriono “Perancangan Jaringan Fiber To The Home (FTTH) pada Perumahan di Daerah Urban,” *J. Nas. Tek. Elektro dan Teknol. Inf.*, vol. 9, no. 1, pp. 94-103, 2020.
- [17] N. Darmawan, “Analisa Pengembangan Jaringan Fiber Optic Site Nangka Semarang,” *Anal. Pengemb. Jar. Fiber Opt. Site Nangka Semarang*, p. 11, 2017.
- [18] A. Setiawan, “Analisis Jaringan Fiber To The Home Berbasis Teknologi Gigabit Passive Optical Network dan Penghitungan Downstream (Studi Kasus Perumahan Wirosaban Baru),” *JATISI (Jurnal Tek. Inform. Dan Sist. Informasi)*, vol. 8, no. 4, pp. 2212-2223, 2021, doi: 10.35957/jatisi.y8i4.1576
- [19] A. Satrio, “Analisis Dan Perancangan Jaringan Optik Menggunakan Teknologi Gpon Studi Kasus Central Office Ahmad Yani”, 2015.

- [20] Simbacorp, Outdoor Fiber Distribution Cabinet GXF-144, <https://simbacorp.com.vn/en/outdoor-fiber-distribution-cabinet-gxf-144.html>, 17 Agustus 2024.
- [21] Optical access system OLT, SMF, ONU, [Optical access system. OLT: optical line terminal; SMF: single mode... | Download Scientific Diagram \(researchgate.net\)](#), 19 Agustus 2024.
- [22] Pakarfiber, pakarfiber.com/topologi-jaringan-fiber-optik-peningkatan-konektivitas, 19 Agustus 2024.
- [23] <https://eskripsi.usm.ac.id/files/skripsi/C41A/2015/C.431.15.0114/C.431.15.0114-07-BAB-IV-20210301112352.pdf>, 19 Agustus 2024.
- [24] G. H. and Z. M. J. Alam, R. Alam, Improvement of Bit Error Rate in Fiber Optic Communication, Int. J. Futur. Comput. Communication, vol. 4, no. 3, pp. 281-286, 2014.
- [25] H. Z. and C. Zanger, Fiber Optics : Communication and Other Applications. Singapore: Maxwell Macmillan, 1991.
- [26] G. Keiser, Optical Fiber Communications, 4th edition. Singapore: McGraw-Hill International Edition, 2010

