

DAFTAR PUSTAKA

- [1] A. Rüsseler, "FTTx in 2023: Fiber demand continues. R&M Blog,," R&M, 19 January 2023. [Online]. Available: <https://www.rdm.com/blog/fttx-in-2023-fiber-demand-continues/>. [Accessed 10 July 2025].
- [2] A. Y. D. C. V. A. U. Uzma Septima, "Designing Fiber Optic Network Infrastructure with FTTX Configuration Using Network Development Life Cycle (NDLC) Method in Solok Regency," *Brilliance*, vol. 5, no. 1, 2025.
- [3] P. Pavle Skocir, "Signal Quality and Performance Monitoring in FTTX Networks," Axiros Lasting Advantage, January 2022. [Online]. Available: <https://www.axiros.com/blog/2025/01/22/signal-quality-and-performance-monitoring-in-fttx-networks>. [Accessed 10 July 2025].
- [4] A. A. A. H. S. P. M. S. R. Yustini, "Installation and Activation of Fiber To The Home (FTTH) Networks and Macrobending Problems in the Feeder Cable Segment," *Brilliance*, vol. 3, no. 2, pp. 134-143, 2023.
- [5] V. Grozdanovic, "FTTH PON Testing," CABLING PON TESTING, 5 November 2024. [Online]. Available: <https://www.cablinginstall.com/cable/article/55240501/ftth-pon-testing>. [Accessed 10 July 2025].
- [6] A. N. E. Y. H. B. M. & A. M. H. F. Amara, "Simulation and Performance Analysis of FTTH Network Using GPON Technology by OptiSystem Software," *International Journal of Computer Engineering and Technology*, vol. 14, no. 3, pp. 74-85, 2023.
- [7] Tempo Articles, "OTDR vs. OPM: Which Tool Reigns Supreme in Fiber Optic Testing?," Blog tempo, 20 June 2023. [Online]. Available: <https://blog.tempocom.com/c/Tempo-Articles/b/otdr-vs-opm-which-tool-reigns-supreme-in-fiber-optic-testing>. [Accessed 10 July 2025].
- [8] N. T. J. M. Syafarifqi Falih Putra, "Design and Implementation of FTTH Networks Using," *Journal of Electrical Engineering, Energy, and Information Technology (J3EIT)*, vol. 12, no. 2, 2024.
- [9] T. B. M. L. I. Attila Hilt, "Optical Power and Fiber Attenuation Measurements," *Budapest University of Technology and Economics*, 2023.

- [10] rafaelmakrup@student.telkomuniversity.ac.id , "Optical Line Terminal (OLT): Peran, Fungsi, dan Implementasi dalam Jaringan Fiber Optik," Diploma of telecommunication Engineering, 13 February 2025. [Online]. Available: <https://dte.telkomuniversity.ac.id/optical-line-terminal-olt-peran-fungsi-dan-implementasi-dalam-jaringan-fiber-optik/>. [Accessed 10 July 2025].
- [11] adjiegyramadhan@student.telkomuniversity.ac.id, "*Optical Power Meter (OPM)*," Diploma of Telecommunication Engineering, 24 January 2024. [Online]. Available: <https://dte.telkomuniversity.ac.id/optical-power-meter-opm/>. [Accessed 10 July 2025].
- [12] Rifan, "Pengertian Single Mode Dan Multi Mode Fiber Optik," 8 April 2019. [Online]. Available: <https://www.lizarifan.id/2019/08/pengertian-single-mode-dan-multi-mode.html>. [Accessed 10 July 2025].
- [13] adjiegyramadhan@student.telkomuniversity.ac.id , "*Optical Time Domain Reflectometer (OTDR)*," Diploma of Telecommunication Engineering, 24 January 2024. [Online]. Available: <https://dte.telkomuniversity.ac.id/optical-time-domain-reflectometer-otdr/>. [Accessed 10 July 2025].
- [14] zefanyasosiawan@student.telkomuniversity.ac.id, "Bagaimana cara merancang jaringan FTTX (Fiber To The X) menggunakan perangkat lunak Optisystem?," Diploma of Telecommunication Engineering, 11 July 2024. [Online]. Available: <https://dte.telkomuniversity.ac.id/optisystem/>. [Accessed 10 July 2025].
- [15] Z. F. J. S. Q. Q. Tao Huang, "Real-Time Eye Diagram Monitoring for Optical Signals Based on Optical Sampling," *MDPI*, vol. 13, no. 3, 2023.
- [16] U. K. J. ,. E. E. ,. B. O. S. ,. A. J. E. D. ,. S. M. S. ,. a. E. M. Asaba Shabiluh, "Throughput and Latency Performance Evaluation of an Optical Fiber Network," *Journal of Advances in Information Technology*, vol. 16, no. 1, pp. 71-80, 2025.