

DAFTAR PUSTAKA

- [1] ITU-T. (2013). *40-Gigabit-capable passive optical networks (NG-PON2): General requirements*. Geneva: International Telecommunication Union. Rec. ITU-T G.989.1.
- [2] ITU-T. (2015). *40-Gigabit-capable passive optical networks 2 (NG-PON2): Physical media dependent (PMD) layer specification*. Geneva: International Telecommunication Union. Rec. ITU-T G.989.2.
- [3] ITU-T. (2008). *Gigabit-capable passive optical networks(GPON): General characteristics*. ITU-T G.984.1.
- [4] Artikel non-personal. (2014). “*Wavelength Division Multiplexing*”. https://en.wikipedia.org/wiki/Wavelength-division_multiplexing. Diakses terakhir 5 Juli 2018. Wikipedia.
- [5] Wiley, John. (1995). *High Capacity Optical Transmission Explained*. United Kingdom : University of Essex.
- [6] Ngah, Razali. (2008). Pemultiplek Pembahagi Masa Optik Bagi Sistem Komunikasi Optik. Malaysia : Universiti Teknologi Malaysia
- [7] Ghosh, Gorachand. (1997). *Sellmeier Coefficients And Dispersion Of ThermoOptic Coefficients For Some Optical Glasses*. Unites States : Research Gate
- [8] ABD, Hafiz. (2007). *Four Wave Mixing Nonlinearity Effect In Wavelength Division Multiplexing Radio Over Fiber System*. Malaysia : University Teknologi Malaysia.
- [9] Artikel non-personal. (2017). Perancangan Jaringan FTTX dengan Optisystem. <http://fathamry.blogspot.co.id/2016/04/perancangan-jaringan-fttx-dengan-optisystem.html>. Diakses terakhir 5 Juli 2018. Blog Personal.
- [10] Ning Cheng, (2014). *Flexible TWDM PON system with pluggable optical transceiver modules*. Optic Express. Vol.22.
- [11] Aldila, Paundra (2015). Analisis Efek Non Linier di Sistem CWDM Pada Sistem Komunikasi Serat Optik. Bandung : Universitas Telkom
- [12] Simon, Gaël (2015). *Stimulated Raman Scattering Impairments Induced by NGPON2 Introduction in Co-existing PONs*. Perancis : Telecom ParisTech
- [13] Luthfi, Muhammad (2015). Simulasi dan Analisis Efek Cross-Phase Modulation Pada Performasi Link DWDM dengan Chromatic Dispersion Compensation. Bandung : Universitas Telkom
- [14] B. Pamukti, “*Simulation and Analysis Nonlinear effects on DWDM Link with Multi Spacing and Multi Lamda using Soliton Pulse Transmission*”, Bandung, Indonesia: Telkom University, 2014.
- [15] M. Yassyir, “Simulasi dan Analisis Pengaruh EDFA pada Sistem 80 G TWDM-PON Berbasis Next Generation Passive Optical Network Stage 2”, Bandung, Indonesia: Telkom University, 2017.
- [16] G. Keiser, “*Chapter 11 Optical Amplifier*,” dalam *Optical Fiber Communication Fifth Edition*, Singapore, Mc Graw Hill Education, 2015, p. 398.

- [17] R. M. Arpan, “*EDFA EFFECT ON 160 G TWDM-PON SYSTEM BASED ON NG-PON2*”, Bandung, Indonesia: Telkom University, 2017.
- [18] V. Venkatramanan, “Optical Amplifier,” Institute for Optical Science, Toronto.
- [19] W.-C. Wang. "Optical Sources". http://depts.washington.edu/mictech/optics/sensors/light_source.p. Diakses terakhir 5 Juli 2018.
- [20] NITS Academy, Modul 1; Konfigurasi FTTH (*Fiber to the Home*), Bandung: Telkom Corporate University.
- [21] Prianggono, Satya (2017). *PERFORMANCE ANALYSIS OF OPTICAL DISTRIBUTION NETWORK (ODN) NG-PON2 USING TIME-AND-WAVELENGTH DIVISION MULTIPLEXING (TWDM) TECHNOLOGY*. Bandung : Universitas Telkom
- [22] ITU-T, *Optical Fibres, Cables and Systems*, Geneva, 2009.
- [23] E. Dwi, “PERANCANGAN DAN DESAIN JARINGAN LOKAL AKSES FIBER (JARLOKAF) DENGAN TEKNOLOGI PON KONFIGURASI JARINGAN FIBER TO THE HOME (FTTH)”, Jakarta. 2017.
- [24] A. Hambali dan A. Syahriar, Analisa Karakteristik Gain Serat Optik Erbium Doped Amplifier, Depok: Universitas Indonesia, 2003.
- [25] Finisar Fixed Gain EDFA Product Brief. (2016). “Fixed Gain EDFA”. <https://www.finisar.com/roadms-wavelength-management/foa-m2200cb-efg1c-aa00x>. Diakses terakhir 5 Juli 2018. *Datasheet*.
- [26] 10Gb/s DWDM 80km Multi-Rate Tunable SFP+ Transceiver. (2015). http://static6.arrow.com/aropdfconversion/a0a6141763dd272792736c55118f351e06b44e45/finisar_ftlx6872mcc_10gbs_dwdm_80km_multi-rate_tunable_sfp_transc.pdf. Diakses terakhir 5 Juli 2018. *Datasheet*.
- [27] Transverse magneto-optic Kerr effect (T-MOKE) geometry. (2017). [https://commons.wikimedia.org/wiki/File:Transverse_magneto-optic_Kerr_effect_\(T-MOKE\)_geometry.svg](https://commons.wikimedia.org/wiki/File:Transverse_magneto-optic_Kerr_effect_(T-MOKE)_geometry.svg). Diakses terakhir 19 Juli 2018.
- [28] Self-phase modulation (SPM). http://www.olsontech.com/mr_fiber/glossary-s.htm. Diakses terakhir 19 Juli 2018.
- [29] *Optical DWDM Fundamentals*, Cisco Handbook, 2014.