

DAFTAR PUSTAKA

- [1] A. A. Z. Hana' Ad'ha Rodhiah, Imam Santoso, "ANALISIS KINERJA JARINGAN DWDM BERDASARKAN PERBEDAANTYPE SERAT OPTIK MENGGUNAKAN CISCO TRANSPORT PLANNERRELEASE 9.2," Semarang, 3, 2014.
- [2] M. Ir. Yamato, MT., Evyta Wismiana, ST., "TEKNOLOGI DENSE WAVELENGTH DIVISION MULTIPLEXING (DWDM) PADA JARINGAN OPTIK," *Teknologi*, vol. I, pp. 33–39, 2013.
- [3] P. D. Kriselia Togi Rendi, Dr. Maksum Pinem S.T., M.T., Emerson P Sinulingga S.T., M.Sc., "ANALISISPERBANDINGAN PERFORMANSI POSISI PENGUAT OPTIK HYBRIDSOA–EDFA DENGAN RAMAN–EDFA PADA SISTEM DWDM," Universitas Sumatera Utara, 2022.
- [4] M. T. Tiara Fadila, Ir. Akhmad Hambali, M.T., Brian Pamukti, S.T, "Analysis of Hybrid Optical Amplifier (Fiber Raman Amplifier-Erbium Doped Fiber Amplifier) Characteristics with Parallel In-Line Configuration in Long Haul Ultra-Dense Wavelength Division Multiplexing System," Universitas Telkom Bandung, Bandung, 2018.
- [5] M. T. Taufik Akbar, Ir. Akhmad Hambali, M.T., Brian Pamukti, S.T, "BER PERFORMANCES ANALYSIS OF OPTICAL NETWORK DENSE WAVELENGTH DIVISION MULTIPLEXING SYSTEM USING HYBRID RAMAN EDFA AMPLIFIER," Universitas Telkom Bandung, Bandung, 2019.
- [6] B. P. Tiara Fadila, Akhmad Hambali, "ANALISIS KARAKTERISTIK GAIN HYBRID OPTICAL AMPLIFIER (FRA-EDFA) PADA SISTEM DWDM," in *Seminar Nasional Inovasi Dan Aplikasi Teknologi Di Industri*, 2018, p. 301.
- [7] M. T. Ir. Akhmad Hambali, M.T., Brian Pamukti, S.T, "Performance Analysis of Hybrid Optical Amplifier in Long-Haul Ultra-Dense Wavelength Division Multiplexing System," in *International Conference on Control, Electronics, Renewable Energy and Communications*, 2017, p. 80.

- [8] D. B. Dewiani Djamiluddin, Andani Achmad, Fiqri Hidayat, “Analisis Penguat EDFA dan SOA pada Sistem Transmisi DWDM dengan Optisystem 14,” in *FORTEI*, 2017, p. 59.
- [9] R. P. Prakoso, E. Wahyudi, and K. Masykuroh, “Optimalisasi Bit Error Rate (BER) Jaringan Optik Hybrid Pada Sistem DWDM Berbasis Soliton,” *J. Telecommun. Electron. Control Eng.*, vol. 3, no. 2, pp. 62–70, Sep. 2021, doi: 10.20895/jtece.v3i2.320.
- [10] R. G. Chakresh Kumar, Ghanendra Kumar, “Performance evaluation of dynamically flattened gain L-Band RAMAN-EDFA-Raman hybrid optical amplifier for super dense wavelength division multiplexing system,” *Indian J. Pure Appl. Phys.*, vol. 57, pp. 842–845, 2019.
- [11] A. A. Febrianto, “DENSE WAVELENGTH DIVISION MULTIPLEXING (DWDM),” *Techné J. Ilm. Elektrotek.*, vol. 6, pp. 31–41, 2007.
- [12] M. S. Edita Rosana Widasari, Ali Mustofa, S.T., M.T., Dr-Ing. Onny S., S.T., M.T., “ANALISIS PENERAPAN OPTICAL ADD-DROP MULTIPLEXER (OADM) MENGGUNAKAN FIBER BRAGG GRATING (FBG) PADA TEKNIK DENSE WAVELENGTH DIVISION MULTIPLEXING (DWDM),” Universitas Brawijaya, 2013.
- [13] Endah Sudarmilah, “Dense Wavelength Division Multiplexing (DWDM) sebagai Solusi Krisis Kapasitas Bandwidth pada Transmisi Data,” *J. Tek. ELEKTRO Emit.*, vol. 2, p. 21, 2002.
- [14] A. F. Gde Ngurah Agung Adi Saputra, “Analisis Performa Sistem Dense Wavelength Division Multiplexing dengan Hybrid Optical Amplifier dan Single Amplifier Menggunakan Optisystem,” *InComTech J. Telekomun. dan Komput.*, vol. 12, pp. 84–94, 2022, doi: 10.22441/incomtech.v12i2.12458.
- [15] B. C. S. Harumi Yuniarti, “SISTEM TRANSMISI ULTRA-DENSE WAVELENGTH DIVISION MULTIPLEXING,” Jakarta Barat, 1, 2014.
- [16] A. A. Dewi and A. S. , Teguh Prakoso, “ARRAYED WAVEGUIDE GRATING PADA DENSE WAVELENGTH DIVISION MULTIPLEXING,” Semarang, 1, 2018.
- [17] L. Sirleto and M. A. Ferrara, “Fiber Amplifiers and Fiber Lasers Based on

Stimulated Raman Scattering: A Review,” *Micromachines*, vol. 11, no. 3, p. 247, Feb. 2020, doi: 10.3390/mi11030247.

- [18] M. T. Arumadina Islamiq, Ir. Akhmad Hambali, M.T., Brian Pamukti, S.T, “Analysis Comparison Performance Position Optical Amplifier Hybrid SOA – EDFA (Semiconductor Optical Amplifier - Erbium Doped Fiber Amplifier) in A System DWDM (Dense Wavelength Division Multiplexing) Based Soliton,” Universitas Telkom Bandung, Bandung, 2017.
- [19] M. T. Pugar Athma Praja, Ir. Akhmad Hambali, M.T., Brian Pamukti, S.T, “Performance Analysis of Hybrid Optical Amplifier in long Laul Ultra-Dense Wavelength Division Multiplexing System,” Universitas Telkom Bandung, Bandung, 2017.
- [20] V. R. S. Meenakshi Sharma, “Gain Flattening of EDFA in C-Band using RFA for WDM application,” in *International Conference on Signal Processing and Integrated Networks (SPIN)*, 2015, p. 346.