

## DAFTAR PUSTAKA

- Agilent. 2012. *Analyzing Data using Eye Diagrams*. [http://na.tm.agilent.com/plts/help/WebHelp/Analyzing/Analyzing\\_Data\\_using\\_Eye\\_Diagrams.html](http://na.tm.agilent.com/plts/help/WebHelp/Analyzing/Analyzing_Data_using_Eye_Diagrams.html), (diakses pada 20 Desember 2013)
- Andre, PS *et al.* 2006. *Modelling of Bend Losses in Single Mode Optical Fibers*. Portugal: Aveiro University.
- Bhargava, N.N. *et al.* 1984. *Basic Electronics and Linear Circuits*. Tata McGraw-Hill Education.
- Breed, Gary. 2005. *Analyzing Signal Using The Eye Diagram*. *High Frequency Electronic*. November.
- Bickham, Scott R *et al.* 2009. *Theoretical and Experimental Studies of Macrobend Losses in Multimode Fibers*. New York: Corning.
- Derickson, Dennis. 1997. *Fiber Optic Test and Measurement*. Prentice Hall.
- Dutton, Harry J. R. 1998. *Understanding optical communications, first edition*. IBM.
- Falcon. 2011. *e-Manual Advance Fiber Optic Communication Lab*. India: Falcon Elektro Tek.
- Fernando, Xavier *et al.* 2004. *On The Design of Optical Fiber Based Wireless Access Systems*. IEEE Communication Society, Vol. 14, No. 2, pp. 3550-3555.
- Genesis. 2012. *Technical Report World's First Service Trial of ITU-T G.hn over Plastic Optical Fibre (POF)*. Netherlands.
- Golnabi H, *et al.* 2011. *Investigation of Rolling Loss Mechanism in Plastic Optical Fiber*. *Journal of Applied Sciences* 11 (20).
- Huiszoon, Bas. 2013. *Fiber Based Indoor Networking*. Makalah dalam CIEMI. Costarica, 12 Maret 2013.
- Harris, A.J *et al.* 1986. *Bend Loss Measurements On High Numerical Aperture Single-Mode Fibers As Function Of Wavelength And Bend Radius*. *Journal of Lightwave Technology*, Vol.4.
- Hoss, Robert J. 1990. *Fiber Optic Communications Design Handbook*. New Jersey: Prentice Hall PTR.
- Hui, Rongqing *et al.* 2009. *Fiber Optic Measurement Techniques*. London: Elsevier.
- Imran, Shahrin *et al.* 1997. *Advantages Of Fiber Optics*. [http://www.doc.ic.ac.uk/nd/surprise\\_97/journal/vol4/sm27/adv.html](http://www.doc.ic.ac.uk/nd/surprise_97/journal/vol4/sm27/adv.html) (diakses pada 5 Januari 2014).
- IEC. 2009. *Internastional Standard IEC 60793-2-40*. International Electrotechnical Commission.
- ITU. 2008. *G.984.4 : Gigabit-capable passive optical networks (G-PON)*. <http://www.itu.int/rec/T-REC-G.984.4-200802-I/en> (diakses pada 3 Januari 2014).
- ITU-T. 2009. *Handbook of Optical Fibres, Cables, and Systems*. International Telecommunication Union Telecommunication Standardization Sector.

- Jay, John A. 2010. *An Overview of Macrobending and Microbending of Optical Fibers*. Corning.
- Keiser, Gerd E. 1991. *Optical Fiber Communications*. USA: The McGraw-Hill Companies.
- Keiser, Gerd E. 2004. *Optical Communication Essentials*. USA: The McGraw Hill Companies.
- Kumila, Biaunik Niski *et al.* 2013. *Pengaruh Diameter dan Jumlah Lengkungan Fiber Optik Terhadap Bending Losses*. Surabaya: Institut Teknologi Sepuluh Novermber.
- Lau, K.Y. 1981. *Propagation Length Variation Due to Bending of Optical Fiber*. TDA progress report 42-63 pp. 28.
- Lemlem, Mekuanint. 2012. *Investigation Of The Effects Of Macro Bending Loss On Step Index Single Mode Fiber*. Ethiopia: Addis Ababa University.
- Lisi, Konrad. 2011. *New line of Plastic Optical (POF) Fiber and Cables from LEONI Fiber Optics*. <http://www.pofto.org/home/node/121> (diakses pada 3 Januari 2014).
- Maharani, Aninda *et al.* 2009. *Pengukuran Pengaruh Kelengkungan Serat Optik terhadap Rugi Daya Menggunakan Optical Time Domain Reflectometer (OTDR)*. Surabaya: Institut Teknologi Sepuluh Novermber.
- Marcuse, D. 1976. *Curvature loss formula for optical fibers*. *Journal of Optic Society*.
- Miller, J.R. 1989. *AO-13 Memories are made of this*. AMSAT-UK Oscar News. No. 80, December.
- PicoTech. 2013. *PicoScope 3000 Series High-Performance Oscilloscopes (Online)*. <http://www.picotech.com/picoscope3000.html> (diakses pada 21 September 2013).
- Pramono, Nopi Yudi *et al.* 2012. *Pengaruh Lekukan Bertekanan Pada Serat Optik Plastik Terhadap Pelemahan Intensitas Cahaya*. Yogyakarta: Universitas Negeri Yogyakarta.
- Rouse, Margaret. 2007. *Triple Play Network*. <http://searchtelecom.techtarget.com/definition/triple-play-network> (diakses pada 3 Januari 2014)
- Sackinger, Eduard. 2009. *Broadband Circuits for Optical Fiber Communication*. New Jersey: John Wiley & Sons.
- Santoso, Triyono Budi. 2010. *Analisis Kualitas Redaman Serat Optik Untuk Meningkatkan Kinerja Sistem Telekomunikasi Dengan Menggunakan Doe*. Jakarta: Universitas Indonesia.
- Sanwa. 2013. *Digital Multimeter CD800a*. <http://overseas.sanwa-meter.co.jp/items/detail.php?id=29> (diakses pada 25 November 2013).
- Schermer R. T., *et al.* 2007. *Improved bend loss formula verified for optical fiber by simulation and experiment*. *IEEE Journal of Quantum Electronic*.
- Silalahi, Marina. 2013. *47% Pengguna Internet Mengakses Dari Rumah*. <http://mix.co.id/research/47-pengguna-internet-mengakses-dari-rumah> (diakses pada 3 Januari 2014).
- Syauki, Ahmad Yanuar. 2008. *Sistem Komunikasi Serat Optik*. Jakarta: Universitas Mercubuana.



Waluyo, Tomi Budi *et al.* 2000. *Penggunaan Serat Optik Plastik Untuk Saluran Transmisi Data Pengukuran*. Medan: Universitas Sumatera Utara.

Ziemann, Olaf *et al.* 2008. *POF Handbook - Optical Short Range Transmission Systems*. Germany: Springer.

Zubia, Joseba *et al.* 2000. *Plastic Optical Fibers: An Introduction to Their Technological Processes and Applications*. Academic Press.

