

DAFTAR SINGKATAN

FTE	: Fakultas Teknik Elektro
3T	: Tertinggal, Terdepan dan Terluar
AP	: Access Point
AWGN	: Additive White Gaussian Noise
BER	: Bit Error Rate
CLI	: Command Line Interface
CS-RZ	: Carrier-Suppressed Return to Zero
DBT	: Desa Broadband Terpadu
DHCP	: Dynamic Host Configuration Protocol
DNS	: Domain Name System
DPSK	: Differential Phase Shift Keying
ETSI	: European Telecommunications Standards Institute
FSO	: Free Space Optics
FTTH	: Fiber To The Home
FTE	: Fakultas Teknik Elektro
GPON	: Gigabit passive Optical Network
IEEE	: Institute of Electrical and Electronics Engineers
IGMP	: Internet Group Management Protocol
IP	: Internet Protocol
ISP	: Internet Service Protocol
ITU-T	: International Telecommunication Union- Telecommunication Standardization Sector
JNTETI	: Jurnal Teknik Elektro dan Teknik Informasi
LED	: Light Emitting Diode
LPB	: Link Power Budget

MAC	: Media Access Control
MRU	: Maximum Receive Unit
MTBF	: Mean Time Between Failure
MTU	: Maximum Transmission Unit
NMS	: Network Management System
NRZ	: Non-Return To Zero
ODP	: Optical Distribution Point
OLT	: Optical Line Terminal
OMCI	: Optical Network Terminal Management dan Control Interface
ONT	: Optical Network Terminal
OSNR	: Optical Signal to Noise Ratio
PC	: Personal Computer
PON	: Passive Optical Network
POTS	: Plain Old Telephone Service
PPPoE	: Point-to-point Protocol over Ethernet
QoS	: Quality of Service
Q Factor	: Quality Factor
RAM	: Random Access Memory
RT/RW NET	: Rukun Tetangga/Rukun Warga Network
RZ	: Return to Zero
S1TT	: S1 Teknik Telekomunikasi
SFP	: Small Form-factor Pluggable
Si-PHW	: Silicon photonic Wires
SNMP	: Simple Network Management Protocol
SNR	: Signal to Noise Ratio
TCP/IP	: Transmission Control Protocol/ Internet Protocol

TDMA	: Time Division Multiple Access
TIPHON	: Telecommunication and Internet Protocol Harmonization Over Network
TULT	: Telkom University Landmark Tower
UTP	: Unshielded Twisted Pair
VLAN	: Virtual Local Area Network
VoIP	: Voice over Internet Protocol
VPN	: Virtual Private Network
WDM	: Wavelength Division Multiplexing
Wi-Fi	: Wireless Fidelity