

## DAFTAR ISTILAH

$\mu$ s	mikro detik
2G	<i>Second Generation</i>
3GPP	<i>The 3rd Generation Partnership Project</i>
APJII	Asosiasi Penyelenggara Jaringan Internet Indonesia
BER	<i>Bit Error Rate</i>
BHSA	<i>Busy Hour Service Attempts</i>
BLER	<i>Block Error Rate</i>
BS	<i>Base Stasion</i>
BSC	<i>Base System Control</i>
BTC	<i>Busan Transportation Corporation</i>
BTS	<i>Base Transceiver Station</i>
CDF	<i>Cumulative Density Function</i>
CDMA	<i>Code Division Multiple Acces</i>
CN	<i>Central Network</i>
CQI	<i>Channel Quality Indicator</i>
CS	<i>Central Station</i>
dB	Desibel
DL	<i>Downlink</i>
EDGE	Enhanced Data rates for GSM
EIRP	<i>Effective Isotropic Radiated Power</i>
eNodeB	E-UTRAN Node B
EPC	<i>Evolved Packet Core</i>
EVDO	Evolution Data Only
GERAN	<i>GSM/EDGE Radio Access Network</i>
GHz	Giga Hertz
GSM	<i>Global System for Mobile communications</i>
GSM-R	<i>Global System for Mobile communications Railway</i>
HO	<i>handover</i>
HSR	<i>High Speed Railway</i>
IF	<i>Intermediete Frequency</i>
IMS	<i>IP Multimedia Subsystem</i>
IP	<i>Internet Protocol</i>
km	kilo meter
LASER	<i>Light Amplification by Stimulated Emission of Radiation</i>
LED	<i>Light Emitting Diode</i>
LTE	<i>Long Term Evolution</i>
LTE-R	<i>Long Term Evolution Railway</i>
MAC	<i>Media Access Control</i>

MAPL	<i>Maximum Allowable Path Loss</i>
Mbps	<i>Megabits per second</i>
MHz	<i>Mega Hertz</i>
MIMO	<i>Multiple-Input Multiple-Output</i>
MM	<i>Multimode Fiber</i>
MME	<i>Mobility Management Entity</i>
MS	<i>Mobile System</i>
P-GW	<i>Packet Data Network Gateway</i>
PPP	<i>Point To Point Protocol</i>
QAM	<i>Quadrature Amplitude Modulation</i>
QoS	<i>Quality of Service</i>
QPSK	<i>Quadrature Phase Shift Keying</i>
RAU	<i>Radio Access Unit</i>
RF	<i>Radio Frequency</i>
RNC	<i>Radio Network Controller</i>
RoF	<i>Radio over Fiber</i>
RRC	<i>Radio Resource Control</i>
RRH	<i>Remote Radio Head</i>
RRU	<i>Remote Radio Unit</i>
S-GW	<i>Serving Gateway</i>
SK	<i>Sun Kyung</i>
SMF	<i>Single Mode Fiber</i>
SMS	<i>Short Message Service</i>
SNR	<i>Signal-to-noise ratio</i>
SUT	<i>Single User Throughput</i>
UE	<i>User Equipment</i>
UIC	<i>Union Internationale des Chemins de fer</i>
UL	<i>Uplink</i>
VoIP	<i>Voice over IP</i>
Wimax	<i>Worldwide Interoperability for Microwave Access</i>
WLAN	<i>Wireless Local Area Network</i>
X2	<i>interface antar dua eNodeB</i>