

DAFTAR AKRONIM

LTE	<i>Long Term Evolution</i>
GSM	<i>Global System for Mobile Communication</i>
EDGE	<i>Enhanced Data rates for GSM Evolution</i>
UMTS	<i>Universal Mobile Telecommunications System</i>
HSPA	<i>High Speed Packet Access</i>
4G	<i>Fourth Generation</i>
Covid-19	<i>Corona Virus Disease-19</i>
3GPP	<i>3rd Generation Partnership Project</i>
eNodeB	<i>Evolved NodeB</i>
BER	<i>Bit Error Rate</i>
QoS	<i>Quality of Service</i>
OFDM	<i>Orthogonal Frequency Division Multiplexing</i>
MME	<i>Mobility Management Entity</i>
P-GW	<i>Packet data network Gateway</i>
S-GW	<i>Serving gateway</i>
EPS	<i>Evolved Packet System</i>
IP	<i>Internet Protocol</i>
CN	<i>Core Network</i>
OFDM	<i>Orthogonal Frequency Division Multiplexing</i>
SC-FDMA	<i>Single Carrier Frequency Division. Multiple Access</i>
MIMO	<i>Multiple-Input Multiple-Output</i>
UE	<i>User Equipment</i>

MS	<i>Mobile Station</i>
MT	<i>Mobile Termination</i>
TA	<i>Terminal Adapter</i>
TE	<i>Terminal Equipment</i>
RRC	<i>Radio Resource Control</i>
RRM	<i>Radio Resource Management</i>
HSS	<i>Home Subscriber Server</i>
EPC	<i>Evolved Packet Core Network</i>
SUT	<i>Single User Throughput</i>
MAPL	<i>Maximum Allowed Path Loss</i>
SINR	<i>Signal to Interference plus Noise Ratio</i>
LED	<i>Light Emitting Diode</i>
SDH	<i>Synchronous Digital Hierarchy</i>
ADM	<i>Add/Drop Multiplexer</i>
DXC	<i>Digital Cross-Connect</i>
TM	<i>Terminal Multiplexer</i>
STM	<i>Synchronous Transport Module</i>
GPON	<i>Gigabit capable Passive Optical Network</i>
OLT	<i>Optical Line Terminal</i>
ODN	<i>Optical Distribution Network</i>
ONU/ONT	<i>Optical Network Unit / Optical Network Terminal</i>
SNR	<i>Signal to Noise Ratio</i>
BER	<i>Bit Error Rate</i>

E-UTRAN	<i>Evolved – Universal Terrestrial Radio Access Network</i>
EPC	<i>Evolved Packet Core</i>
UL	<i>Uplink</i>
DL	<i>Downlink</i>
STO	<i>Sentral Telepon Otomat</i>
LD	<i>Laser Diode</i>
ITU-T	<i>International Telecommunication Union – Telecommunication Standardization Sector</i>
NRZ	<i>Non – Return Zero</i>
OLT	<i>Optical Line Terminal</i>
PIN	<i>Positive-Intrinsic-Negative</i>
LPB	<i>Link Power Budget</i>