

DAFTAR SINGKATAN

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| 3GPP | 3 rd Generation Partnership Project Long Term Evolution |
| 4G | Fourth Generation Cellular Communication |
| 5G | Fifth Generation Cellular Communication |
| BS | Base Station |
| CH | Cluster head |
| CM | Cluster Member |
| CNR | Channel to Noise Ratio |
| D2D | Device-to-Device Communicaton |
| eNB | evolved Node B |
| IEEE | Institute of Electrical and Electronics Engineers |
| IMT-A | International Mobile Telecommunication Advance |
| ITU | International Telecommunication Union |
| LR | Long range |
| LTE | Long Term Evolution |
| LTE-A | Long Term Evolution Advance |
| MT | Mobile Transmitter |
| OFDM | Orthogonal Frequency Division Multiplexing |
| OFDMA | Orthogonal Frequency Division Multiple Access |
| P2P | Peer-to-Peer |
| ProSe | Proximity Services |
| SC-FDMA | Single Carrier Frequency Division Multiple Access |
| SNR | Signal to Noise Ratio |
| SR | Short range |
| TDD | Time Division Duplex |
| TDMA | Time Division Multiple Access |
| UE | User Equipment |