

Daftar Gambar

| | |
|---|----|
| Gambar 2.1 Struktur Fiber Optik..... | 7 |
| Gambar 2.2 Modus Aplikasi Jarlokaf FTTx..... | 10 |
| Gambar 2.3 Arsitektur Jaringan FTTH..... | 11 |
| Gambar 2.4 OLT (<i>Optical Line Termination</i>)..... | 14 |
| Gambar 2.5 ODC (<i>Optical Distribution Cabinet</i>)..... | 14 |
| Gambar 2.6 ODP (<i>Optical Distribution Point</i>)..... | 16 |
| Gambar 2.7 ONT (<i>Optical Network Termination</i>) | 17 |
| Gambar 2.8 <i>Triple Play</i> | 19 |
| Gambar 2.9 <i>Google Earth</i> | 20 |
| Gambar 3.1 Diagram Alir Perancangan | 22 |
| Gambar 3.2 Lokasi Perumahan Panorama Indah..... | 23 |
| Gambar 3.3 <i>Boundary</i> Perumahan..... | 24 |
| Gambar 3.4 Penentuan <i>Homepass</i> | 25 |
| Gambar 3.5 Jaringan <i>Fiber To The Home</i> | 26 |
| Gambar 3.6 Rute Kabel <i>Feeder</i> | 27 |
| Gambar 3.7 Perancangan Kabel Distribusi | 27 |
| Gambar 3.8 Simulasi ONT Terjauh (<i>Downstream</i>) | 39 |
| Gambar 3.9 Daya Pancar OLT (<i>Downstream</i>)..... | 39 |
| Gambar 3.10 Nilai Prx Dengan Jarak Terjauh (<i>Downstream</i>)..... | 39 |
| Gambar 3.11 Simulasi ONT Terjauh (<i>Upstream</i>)..... | 41 |
| Gambar 3.12 Daya Pancar OLT (<i>Upstream</i>)..... | 41 |
| Gambar 3.13 Nilai Prx Dengan Jarak Terjauh (<i>Upstream</i>)..... | 41 |
| Gambar 4.1 Hasil Pengukuran BER (<i>Downstream</i>)..... | 45 |
| Gambar 4.2 Pengukuran BER (<i>Downstream</i>) di simulasi jarak terjauh | 46 |
| Gambar 4.3 Hasil Pengukuran BER (<i>Upstream</i>) | 46 |
| Gambar 4.4 Pengukuran BER (<i>Upstream</i>) di simulasi jarak terjauh..... | 47 |