

## DAFTAR GAMBAR

<b>Gambar 2.1</b> Arsitektur TWDM-PON[5] .....	7
<b>Gambar 2.2</b> <i>Passive Splitter</i> 1 x 4[13].....	8
<b>Gambar 3.1</b> Diagram Alir Penelitian.....	12
<b>Gambar 3.2</b> Model Sistem NG-PON2 Empat Kanal.....	13
<b>Gambar 3.3</b> Setup Simulasi 40G untuk 64 ONU pada jarak 20 km.....	22
<b>Gambar 3.4</b> Setup Simulasi 80 G untuk 64 ONU pada jarak 20 km.....	27
<b>Gambar 4.1</b> Contoh Hasil Tampilan OPM.....	29
<b>Gambar 4.2</b> Hasil <i>Received Power</i> 64 ONU .....	29
<b>Gambar 4.3</b> Hasil Perbandingan <i>Received Power</i> tiap ONU .....	30
<b>Gambar 4.4</b> Tampilan <i>Electrical Carrier Analyzer</i> .....	31
<b>Gambar 4.5</b> Hasil SNR 64 ONU .....	31
<b>Gambar 4.6</b> Perbandingan Hasil SNR antar ONU .....	32
<b>Gambar 4.7</b> Tampilan <i>BER Analyzer</i> .....	33
<b>Gambar 4.8</b> Hasil <i>Q-Factor</i> 64 ONU .....	33
<b>Gambar 4.9</b> Hasil Perbandingan <i>Q-Factor</i> antar ONU .....	34
<b>Gambar 4.10</b> Hasil BER 64 ONU .....	35
<b>Gambar 4.11</b> Perbandingan nilai BER antar ONU.....	36
<b>Gambar 4.12</b> Contoh Hasil Tampilan OPM(2) .....	36
<b>Gambar 4.13</b> Hasil <i>Received Power</i> 64 ONU(2).....	37
<b>Gambar 4.14</b> Perbandingan <i>Received Power</i> antar ONU(2) .....	38
<b>Gambar 4.15</b> Tampilan <i>Electrical Carrier Analyzer</i> (2).....	38
<b>Gambar 4.16</b> Hasil SNR 64 ONU(2).....	39
<b>Gambar 4.17</b> Perbandingan SNR antar ONU(2) .....	40
<b>Gambar 4.18</b> Tampilan <i>BER Analyzer</i> (2) .....	41
<b>Gambar 4.19</b> Hasil <i>Q-Factor</i> 64 ONU(2) .....	41
<b>Gambar 4.20</b> Perbandingan Hasil <i>Q-Factor</i> antar ONU(2) .....	42
<b>Gambar 4.21</b> Hasil BER 64 ONU(2).....	43
<b>Gambar 4.22</b> Hasil Perbandingan BER antar ONU(2).....	44