

| Fiberhome GCOB Board Datasheet |   |                           |
|--------------------------------|---|---------------------------|
| Service ports                  |   |                           |
| GPON Port                      |   | 16-GPON Port              |
| GPON SFP Module Specification  |   |                           |
| Type                           |   | C+ Module                 |
| Interface type                 |   | SC/PC                     |
| Transmitter                    | Signal nominal rate                       | 2.5 Gbit/s $\pm$ 100 ppm  |
|                                | Wavelength range                          | 1480 nm to 1500 nm        |
|                                | Mean launched power (maximum)             | +7 dBm                    |
|                                | Mean launched power (minimum)             | +3 dBm                    |
|                                | Average launched power of OFF transmitter | -39 dBm                   |
|                                | Extinction ratio (minimum)                | +9 dB                     |
| Receiver                       | Signal nominal rate                       | 1.25 Gbit/s $\pm$ 100 ppm |
|                                | Wavelength range                          | 1260 nm to 1360 nm        |
|                                | Maximum receiving sensitivity             | -30 dBm                   |
|                                | Minimum overload optical power            | -8 dBm                    |
| Power Consumption              |   | $\leq$ 50W                |
| MTBF (hour)                    |   | 146606.07                 |
| MTBF (year)                    |   | 16.74                     |
| Failure Rate (ppm)             |   | 6.821                     |