## Key Difference

<table>
<thead>
<tr>
<th>Fiber GPON</th>
<th>Fiber EPON</th>
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<tbody>
<tr>
<td>Separates data, voice and video onto three different network layers.</td>
<td>Unifies data, voice and video onto a single network layer.</td>
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<tr>
<td>Can provide a higher level of service quality for each type of communication.</td>
<td>Provides seamless connectivity utilizing Ethernet devices.</td>
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## Bandwidth Difference

- **GPON**: Bandwidth will vary downstream versus upstream.
- **EPON**: Bandwidth will be symmetrical – the same downstream and upstream.

## Reach & Splits Difference

- **GPON**: Supports up to 128 optical network units through one optical line terminal (12.4 miles).
- **EPON**: Supports 32 to 64 optical network units through one optical line terminal (12.4 miles).

## Installation

- **GPON**: Requires the installation of new equipment.
- **EPON**: Utilizes Ethernet technology.

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Contact your local fiber provider to learn more about the options available to your business.