Optilab offers a comprehensive portfolio of optical amplifiers designed for a variety of tasks and applications. For amplification in the 1060nm regime, Optilab offers over 30 standard Ytterbium-doped Fiber amplifiers, as well as the expertise to customize an even greater variety. The typical ordering codes shown in datasheets are given in the form:

YDFA-vwx-yzz-00

This brief buyer’s guide is provided to demonstrate the meaning of the various symbols, listing out the various standard variations, as well as providing a template from customization requests.

<table>
<thead>
<tr>
<th>YDFA-v</th>
<th>w</th>
<th>X</th>
<th>Y</th>
<th>zz</th>
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<td>0-7</td>
<td>I</td>
<td>B</td>
<td>PM</td>
<td>GP</td>
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<tr>
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<td>0-7</td>
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<td>PM</td>
<td>GP</td>
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<td>0-5</td>
<td>?</td>
<td>B</td>
<td>GP</td>
<td>CO</td>
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</tbody>
</table>

**Series**
- Specifies nominal output power in dBm

**Input Power**
- Inline (-20 dBm to 0 dBm)
- Booster (0 dBm to 10 dBm)

**From Factor**
- Specifies Benchtop or Rackmount

**Examples**
- YDFA-27I-B-PM-GP:
  - Nominal Output Power: 27 dBm
  - Type: Inline
  - From Factor: Benchtop
  - Polarization Maintaining?: Yes
  - With Gated Pumping option
- YDFA-42-R:
  - Nominal Output Power: 42 dBm
  - Type: NA
  - From Factor: Rackmount
  - Polarization Maintaining?: No
  - No Option