Hand Held Light Source

**ID-L**

- **New** 4 Wavelength Lineup
  - 1310nm/1490nm/1550nm/1610nm
- **New** Boost Function
  - Activating the BOOST function increases the output signal by 10dB
- **Selection of 4 frequencies**
  - CW/270Hz/1kHz/2kHz
- **Lightweight design for easy handling**
- **Operate more than 60 hours on battery**
  - With Alkaline battery at 23°C/Without using boost function
- **Removable Adapter For Easy Cleaning**
- **New** RoHS Compliant

**Example of Application**

ID-H/R (Optical Fiber Identifier) detects tone signal from ID-L (Hand Held Light Source) to identify a target fiber.

**LINEUP**

- 1310nm
- 1490nm
- 1550nm
- 1610nm
**Options**

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carrying Case</td>
<td>AT03H-001</td>
<td></td>
</tr>
<tr>
<td>SC Adapter</td>
<td>AT03H-002</td>
<td>Standard Accessory</td>
</tr>
<tr>
<td>FC Adapter</td>
<td>AT03H-003</td>
<td></td>
</tr>
</tbody>
</table>

Please consult about other adapters.

**Specification**

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product name</strong></td>
<td><strong>ID-L Handy Light Source 1310nm</strong></td>
</tr>
<tr>
<td>Code</td>
<td>AT03H31</td>
</tr>
<tr>
<td>Wavelength</td>
<td>1310 ±10nm</td>
</tr>
<tr>
<td>Fiber type</td>
<td>Single Mode Fiber</td>
</tr>
<tr>
<td>Spectrum width</td>
<td>Less than 1nm</td>
</tr>
<tr>
<td>Modulation</td>
<td>CW / 270Hz / 1kHz / 2kHz</td>
</tr>
<tr>
<td>Output power</td>
<td>Normal: -2.5±2dBm Boost: +7.5±2dBm (3dB down at 270Hz, 1kHz, 2kHz mode)</td>
</tr>
<tr>
<td>Stability</td>
<td>±0.05dB (1hour / Constant temperature)</td>
</tr>
<tr>
<td>Optical connector</td>
<td>SC Adapter (FC adapter is option)</td>
</tr>
<tr>
<td>Battery type</td>
<td>AA Battery (Alkaline / Zinc-carbon / NiMH)</td>
</tr>
<tr>
<td>Battery life</td>
<td>Over 60 hours (Alkaline battery at 23°C)</td>
</tr>
<tr>
<td>Auto shutdown</td>
<td>10 minutes without any operation</td>
</tr>
<tr>
<td>Operating temp.</td>
<td>0 to 40°C</td>
</tr>
<tr>
<td>Operating humidity</td>
<td>20 to 90%RH (non-condensing)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>70W×22.50×128H mm</td>
</tr>
<tr>
<td>Weight</td>
<td>160g (including batteries)</td>
</tr>
<tr>
<td>Accessories</td>
<td>Strap *1 / AA alkaline batteries *2 / SC adapter *1 / Instruction manual *1</td>
</tr>
</tbody>
</table>

* Excluding state of boost.

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Furukawa Electric reserves the right to improve, enhance and modify the features and specifications of this product without prior notification.