The battery powered version of the JULA laser is a further addition to a wide range of products whose development is based on long experience in engineering and manufacturing of lasers ranging from pistol to military infantry rifle applications. The JULA Laser is designed especially as an ideal addition to other targeting devices such as Red Dot Sights, optical scopes and similar. The laser fitted can be selected from either a visible red laser or an IR laser. The laser has an integrated X/Y – axis adjustment with which the beam can be set within a maximal deviation of 0.12 mrad. The power is supplied from the inserted battery. The laser is activated by a tactical remote switch (Trigger) whereas by turning the battery cap there is a choice between the momentary on trigger function and continuous operation mode, or a push button switch is fitted for constant on mode. To mount the laser the outer diameters 22 mm and 18 mm are available.

**CHARACTERISTICS**
- Colimated dot laser
- Laser in X-Y axis adjustable
- Two mounting options using either diameter Ø 22 mm or diameter Ø 18 mm +0/–0.1 tolerance fit
- ± 20 mrad angle of adjustment travel
- 0.12 mrad adjustment per click
- Switching on and off via pushbutton or optional remote control
- AR coated glass lens
- Battery powered (DL1/3N)
## TECHNICAL DATA

<table>
<thead>
<tr>
<th>Wave-length</th>
<th>Optical output</th>
<th>Beam shape</th>
<th>Laser class</th>
<th>Divergence</th>
<th>Wavelength shift</th>
<th>Output power stability</th>
<th>Ripple noise</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>nm</td>
<td>mW</td>
<td></td>
<td></td>
<td>mrad</td>
<td>nm/°C</td>
<td>% 25°C</td>
<td>rms</td>
<td></td>
</tr>
<tr>
<td>635</td>
<td>&lt;1</td>
<td>Dot</td>
<td>2</td>
<td>&lt;0.5</td>
<td>0.25</td>
<td>&lt;0.5</td>
<td>&lt;1%</td>
<td>0177-53-92-02</td>
</tr>
<tr>
<td>~3.5</td>
<td>~3.5</td>
<td>Dot</td>
<td>3R</td>
<td>&lt;0.5</td>
<td>0.25</td>
<td>&lt;0.5</td>
<td>&lt;1%</td>
<td>0177-52-92-02</td>
</tr>
<tr>
<td>850</td>
<td>&lt;0.7</td>
<td>Dot</td>
<td>1</td>
<td>&lt;0.5</td>
<td>0.25</td>
<td>&lt;0.5</td>
<td>&lt;1%</td>
<td>0177-50-92-02</td>
</tr>
</tbody>
</table>

1) EN/ISO 60825-1  
2) E@FWHM  
3) after warmup

## DIMENSIONS

![Diagram of laser beam dimensions]

Laser beams can cause damage to your eyes. The user is responsible to observe the local safety regulations.

Mistakes and technical changes reserved.

Rheinmetall Air Defence AG  
Birchstrasse 155 · CH 8050 Zurich · Switzerland · Phone +41 44 316 22 11  
lasersolutions_rad@rheinmetall.com · www.rheinmetall-defence.com