ELITE 6350nm 20mw 70mw 100mw Red Laser Module With Corning Diffusing Fiber

EF635N20FC(USB) Laser Diode Fiber Modules Key features

Description
The EF635N20FC(USB) is a red fiber laser module subassembly without collimated beam. The maximum laser output power is 20.0mW at 638nm.

Features
- Wavelength: 638±5nm
- Optical output power: ≤20.0mW
- Fiber Core Diameter: 170μm (Customer Fiber)
- Low operating current: <90mA
- Low operating voltage: 5.0 VDC
- Class IIIa laser, CDRH/ROHS compatible
- Static, Surge, Reverse Polarity Protected
- Circuit control: Auto constant current (ACC)
- Operating Temperature: -10 to 50°C

Optical and Electrical Characteristics

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wavelength</td>
<td>638 ±5nm</td>
</tr>
<tr>
<td>Output Power</td>
<td>≤20.0mW</td>
</tr>
<tr>
<td>Laser Modes</td>
<td>Pulse</td>
</tr>
<tr>
<td>Spectral Width</td>
<td>≤2.0nm</td>
</tr>
<tr>
<td>Wavelength Shift</td>
<td>0.2nm</td>
</tr>
<tr>
<td>Operating Current</td>
<td>&lt;90 mA</td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>5.0 VDC</td>
</tr>
<tr>
<td>CDRH Class</td>
<td>Class IIIa</td>
</tr>
<tr>
<td>MTBF</td>
<td>8000 Hrs.</td>
</tr>
</tbody>
</table>

Fiber Characteristics
## Parameter Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>Ø 14(D) x 50(L) mm</td>
</tr>
<tr>
<td>Cable Length</td>
<td>500mm with USB</td>
</tr>
<tr>
<td>Fiber Core Diameter</td>
<td>170μm (Customer Fiber)</td>
</tr>
<tr>
<td>Fiber Length</td>
<td>Customer Fiber</td>
</tr>
<tr>
<td>Numerical Aperture</td>
<td>Customer Fiber</td>
</tr>
<tr>
<td>Connector</td>
<td>FC</td>
</tr>
</tbody>
</table>

Note: 1. Above parameters can be customized as customer’s request.  
2. To the Corning fiber, if you need, we also can provide.

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**Detailed Pictures**

![Detailed Pictures](image_url)
China ELITE 6350nm 20mw 70mw 100mw Red Laser Module With Corning Diffusing Fiber Factory, Suppliers, Manufacturers - Customized ELITE 63...
Customer Application

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Cartridge Red Dot Laser Training Bullet
Cal. 22LFB 22LR Laser Bullets For Dry Fire Training...
Factory Supply The FDA Certified Laser Line Generator...

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Title:

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