A rugged test instrument designed with intuitive simple user interface allowing technicians to focus on installing and maintaining fibre networks. Multimode light source for measuring network insertion loss, continuity checks, and fibre identification.

- 850 nm and 1300 nm LED output from single test port
- 50 μm and 62.5 μm mandrels included

**Features**
- Palm-sized rugged, dependable tools
- Cost-effective, easy to use
- Auto-off time out feature to maximize battery life
- Large sunlight readable display. Backlight for dim conditions

**Applications**
- Link loss measurements
- Certify MM links to industry standards
- Continuity check and fibre identification prior to fusion splicing

**Specification**

**OPTICAL SPECIFICATIONS**
- Wavelength: 850 nm ±20 nm, 1300 nm +40/-60 nm
- Spectral Width (max): 35 nm, 170 nm
- Emitter Type. Safety Class: LED, Class I FDA 21 CFR 1040.10 & 1040.11, IEC 60825-1: 2007-03
- Output Power: ≥-20.0 dBm into 62.5/125 fibre
- Output Stability: ±0.1 dB over 1 hour; ±0.15 dB over 8 hours
- Tone Output: 2000, 1000, 330, 270 Hz

**GENERAL**
- Output Connector: SC Fixed
- Power: 2 AA batteries
- Battery Life: 30 hours (typical)
- Operating Temperature: -10 °C to 50 °C, 90 % RH (non-condensing)
- Storage Temperature: -30 °C to 60 °C, 90 % RH (non-condensing)
- Size (H x W x D): 14.0 x 8.1 x 3.8 cm (5.5 x 3.2 x 1.5 in)
- Weight: 0.29 kg (0.65 lb)

Notes:
- a. All specifications valid at 25 °C unless otherwise specified.
- b. After typical 30 second warm up.

**Ordering Information**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
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<tbody>
<tr>
<td>Optronics CSS1-MM, LED Source (850/1300nm) with SC adaptor</td>
<td>OP-CSS1-MM</td>
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<table>
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<tr>
<th>AVAILABLE KITS</th>
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<tbody>
<tr>
<td>CSS-1MM LED Source &amp; FiberTech FT-PM3 Optical Power Meter</td>
<td>OP-KIT2</td>
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<tr>
<td>CSS-1MM LED Source, FiberTech FT-LS20 Dual laser Optical Light Source &amp; FiberTech FT-PM3 Optical Power Meter</td>
<td>OP-KIT4</td>
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Further Information

- For additional information please contact your sales representative.
- Downloaded from http://www.fibrefab.com/products/tools-test-equipment/css1-mm-led-source/
- FibreFab reserves the right to make changes to the product specifications in this datasheet at any time without notice.
- Information in this document is correct as of July 3, 2015.

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<th>Europe</th>
<th>Americas</th>
<th>Middle East &amp; Africa</th>
<th>Asia Pacific</th>
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<tbody>
<tr>
<td>+44 870 127 3330</td>
<td>+1 410 242 9026</td>
<td>+971 4 443 0168</td>
<td>+86 755 2561 3694</td>
</tr>
<tr>
<td><a href="mailto:sales@fibrefab.com">sales@fibrefab.com</a></td>
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