PowerLine E Series

Laser Marking with Ultimate Quality

The PowerLine E Series is designed for demanding applications that benefit from the excellent marking performance of vanadate lasers. Whenever aesthetics and legibility are paramount, PowerLine E laser markers offer distinct advantages. They combine sophisticated laser technology (infrared, green, or ultraviolet) with a modular laser marker design. This allows for configuring optimal solutions for your marking requirement.

FEATURES & BENEFITS

• Excellent control of marking quality
• Compact modular design
• First-pulse suppression feature
• Powerful VLM marking software
• Through-the-lens alignment
• Laser positioning help (optional)
• Greyscale marking feature (optional)
• Sky marking feature (optional)
• Fast-focus module (optional)

APPLICATIONS

• Marking of organic materials, metals, glass
• Marking on-the-fly (conveyor belt or rotational axis)
• Greyscale Marking
• Day and Night Design Marking
• Label Marking
• 3D Marking
### PowerLine E Series Datasheet

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PL E Air 10-1064</th>
<th>PL E Air 10-1064</th>
<th>PL E Air 25-1064</th>
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<td>Wavelength (nm)</td>
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MECHANICAL SPECIFICATIONS

PowerLine E 40-1064/25-532

Bottom View

Front View

Side View

Top View

Clearance for Maintenance

Clearance for Maintenance

180 Marking Field

Max. R50 Bend Radius

Max. R100 Bend Radius

Focal Distance

~78.0 mm (3.07 in.)

52.2 mm (2.06 in.)

524.0 mm (20.63 in.) Focal Distance

117.15 mm (4.61 in.)

600.0 mm (23.62 in.)

181.5 mm (7.15 in.)

350.0 mm (13.78 in.)

95.0 mm (3.74 in.)

47.5 mm (1.87 in.)

33.0 mm (1.30 in.)

PowerLine E 40-1064/25-532 Datasheet
MECHANICAL SPECIFICATIONS

PowerLine E 30-1064/12-532/20-532/20-355
MECHANICAL SPECIFICATIONS

PowerLine E Air 10-1064/25-1064/30-1064

Bottom View

Side View

Front View

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Coherent follows a policy of continuous product improvement. Specifications are subject to change without notice. Coherent’s scientific and industrial lasers are certified to comply with the Federal Regulations (21 CFR Subchapter J) as administered by the Center for Devices and Radiological Health on all systems ordered for shipment after August 2, 1976.

Coherent offers a limited warranty for all PowerLine E Series Lasers. For full details of this warranty coverage, please refer to the Service section at www.coherent.com or contact your local Sales or Service Representative. MC-056-19-0M1119  Copyright ©2019 Coherent, Inc.