25 PK 16
Quality planoconvex lens

25 PK 16 specification

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>Diameter (mm)</td>
<td>16</td>
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<tr>
<td>Diameter tolerance (mm)</td>
<td>+0, -0.1</td>
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<tr>
<td>Focal length (mm)</td>
<td>25</td>
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<tr>
<td>Focal length tolerance (at 587nm)</td>
<td>±2%</td>
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<td>Back focal length (mm)</td>
<td>22.2</td>
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<tr>
<td>Centre thickness (mm)</td>
<td>4.3</td>
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<tr>
<td>Centre thickness tolerance</td>
<td>±0.35mm</td>
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<td>Edge thickness (mm)</td>
<td>1.5mm</td>
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<tr>
<td>Centration</td>
<td>0.1mm</td>
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<tr>
<td>Form</td>
<td>planoconvex</td>
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<tr>
<td>Scratch-dig</td>
<td>40-20</td>
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<td>Coating type</td>
<td>AR coated 1100-1600nm</td>
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<tr>
<td>Glass type</td>
<td>BK7</td>
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</tbody>
</table>

Two typical curves are shown for each coating. Curve 2 applies only to convex surfaces of short radius (R greater than 1.33 x dia.) and Curve 1 to all other surfaces.