KoldLok® Wave® Raised Floor Grommet

Part Numbers
Wave - 20100
Cover - 20101

Applications
Designed to seal openings in raised floor cutouts prior to the installation of communications, power, or other cabling.

In a study done by Upsite Technologies on 19 computer rooms totaling over 204,400 ft², it was found that 60% of valuable cooled air is not reaching the air intakes of IT equipment. The KoldLok Wave was developed to provide the best seal against this wasted bypass airflow.

Features
- Sealing Effectiveness - New, wave shaped thermoplastic elastomer offers the best sealing against bypass airflow, unsurpassed by any brush grommet on the market
- Usable Cable Area - Over 45.5 sq inches of usable cable area, over two and a half times that of a leading brush competitor
- Maintenance Free - Wave shaped material seals around cables with no additional maintenance or monitoring required
- Configuration - Split design allows edge-cut tiles to be removed without capturing cables
- Longevity - Durable, impact-resistant ABS frame

Benefits
- Increases cooling unit effectiveness
- Allows for greater IT density in data centers
- Improves static pressure under the raised floor
- Improves cool air delivery through perforated tiles and grates
- Decreases humidity control expense
- Meets a prerequisite for hot aisle/cold aisle best practices and containment strategies
- Reduces the need to buy additional cooling units

Safety Features
- The thermoplastic elastomer material is rated UL94 HB
- An optional safety cover is available to ensure greater safety before rack and cable installation
Specifications

<table>
<thead>
<tr>
<th>Dimensions and Tile Cutting Requirements</th>
<th>Inches (W x D x H)</th>
<th>Millimeters (W x D x H)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part No. 20100 - Overall size</td>
<td>11&quot; x 9&quot; x 1 7/8&quot;</td>
<td>279 x 229 x 48mm</td>
</tr>
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<td>Product height above the raised floor</td>
<td>3/8&quot;</td>
<td>10mm</td>
</tr>
<tr>
<td>Usable cable area</td>
<td>7&quot; x 5 7/8&quot;</td>
<td>197 x 149mm</td>
</tr>
<tr>
<td>Minimum cut required to install Grommet in interior of the tile</td>
<td>9 1/4&quot; x 6 3/4&quot;</td>
<td>235 x 172mm</td>
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Patent Pending Sealing System
Utility and design patents registered and pending for both the U.S. and worldwide. The KoldLok Wave™ design uses thermoplastic elastomer to wrap around penetrants, creating a more effective seal.

Thermoplastic Elastomer (TPE)
- TPE material is overmolded to frame to create a flexible sealing membrane
- Tear Strength 100lbf/in (ASTM D624)
- Color: Black

Floor Mounting System
Four (4) self-drilling screws are provided for installation.

Grommet Frame
The frame is molded from durable ABS. Finish: Black

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Designer & Manufacturer
(888) 982-7800     www.upsite.com