

# KOLDLOK®

## KoldLok® Wave® Raised Floor Grommet

### Part Numbers

Wave - 20100

Cover - 20101



Wave Raised Floor Grommet  
Part No. 20100



Wave Grommet Cover  
Part No. 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 ft<sup>2</sup>, 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

Dimensions and Tile Cutting Requirements	Inches (W x D x H)	Millimeters (W x D x H)
Part No. 20100 - Overall size	11" x 9" x 1 7/8"	279 x 229 x 48mm
Product height above the raised floor	3/8"	10mm
Usable cable area	7" x 5 7/8"	197 x 149mm
Minimum cut required to install Grommet in interior of the tile	9 1/4" x 6 3/4"	235 x 172mm

## 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

