



## Installation Guide

### KoldLok® Mini Raised Floor Grommet

Part Number 10077



## Table of Contents

Preparation Required for Installation	Page 2
Installation Procedures	Page 2
General Information	Page 4
Warranty	Page 5

### Each carton contains the following items:

- KoldLok® Mini Raised Floor Grommets (10)
- Self Tapping #8 Screws (40)
- Installation Guide (1)

# Installation Guide

## KoldLok® Mini Raised Floor Grommet

### Tools and Preparation Required for Installation

#### Tools Required:

- Phillips head screwdriver
- Cutting tool (per floor tile manufacturer recommendations)
- Tape measure
- Isopropyl alcohol or equivalent for cleaning. All floor tiles must be free of dust and contaminants prior to installing a KoldLok Mini Raised Floor Grommet. Clean both the floor tile and bottom surface of the Grommet.

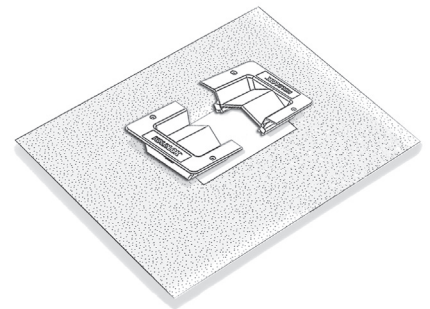
It is not necessary to dress the cable opening when installing a KoldLok Mini Raised Floor Grommet.

### Cutting Raised Floor Tiles

Each raised-floor tile manufacturer provides instructions to properly and safely modify their products. Installers must be familiar with and observe tile manufacturer's recommendations with regard to applicable tools, cutting procedures, the design load capacity of the cut tile, and any additional underfloor support requirements for cut raised-floor tiles.

### Installation of KoldLok Mini Grommet: Tile Interior

1. Make a 6 x 4 inch cable opening (152 x 102 mm) in the floor tile. Ensure that any burrs resulting from cutting the floor tile have been removed. It is not necessary to dress the cable opening when installing a KoldLok Mini Raised Floor Grommet.
2. Test-fit the KoldLok Mini Grommet to the floor tile by making the flange flush with the top side of the floor tile. Ensure there is no binding and that the fit is even on the Grommet.
3. With the Grommet properly placed in the floor tile, fasten it securely to the floor tile using the self-tapping screws. Do not over-torque the screws.

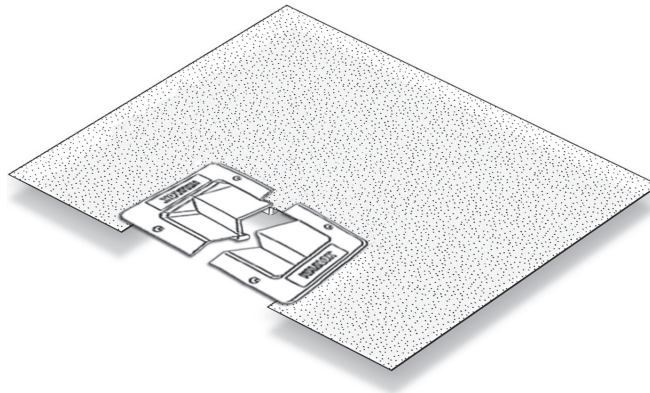


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## KoldLok® Mini Raised Floor Grommet

### Installation of KoldLok on the Tile Edge: Long Edge of Grommet

1. Make a 6 x 5 inch cable opening (152 x 127 mm) in the floor tile. Ensure that any burrs that resulted from cutting the floor tile have been removed.
2. Test-fit the Grommet to the floor tile, with flange on the top side of the floor tile. Ensure there is no binding and that the fit is even on the Grommet.
3. With the Grommet properly placed in the floor tile, fasten it securely to the floor tile using the self-tapping screws. Do not over-torque the screws.



### Installation of KoldLok on the Tile Edge: Short Edge of Grommet

The KoldLok Mini Raised Floor Grommet may also be installed with its short side mounted along the floor tile edge. Make a 4 x 7 inch cable opening (102 x 178 mm)

Follow the same cleaning and fastening steps as above.

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## KoldLok® Mini Raised Floor Grommet

### General Information

#### Effective Installation of Cables

In order to minimize any air loss from under the raised-floor plenum, allow for adequate slack in the cables. If the cables are under too much tension, the Grommet filaments may be pulled apart, resulting in a V-shaped gap that will cause an increase in the volume of air escaping from under the raised floor.

#### Maintaining Proper Cooling of Equipment

Failure to follow computer manufacturer's guidelines for maintaining proper cooling may result in the overheating of equipment. Before sealing cold aisle openings, ensure that there is adequate airflow to the intake side of the computer equipment or cabinets through devices such as perforated floor tiles or grates. Achieving proper airflow to the intake side of computer equipment and/or cabinets is the responsibility of the customer.

#### Safety Requirements

Installers must be familiar with standard safety and risk management practices when working on server rack equipment or in mission critical data center environments.

#### Customer Support

If you have any questions, please  
contact us direct at (505) 982-7800,  
or Toll Free at (888) 982-7800  
Email us at [info@upsite.com](mailto:info@upsite.com)

U.S. Patent no.6,632,999 and International  
Patents Pending | P/N 60087 Rev. B © 2012



# Limited Warranty

## KoldLok® Mini Raised Floor Grommet

Upsite Technologies, Inc. (the *Company*) warrants to the original purchaser that products delivered hereunder will be free of defects in materials and workmanship for a period of twelve (12) months from the date of purchase (the “Warranty Period”).

The *Company* shall, at its option, within the Warranty Period, either repair or replace free of charge, any product or part thereof found, upon the *Company*’s inspection, to be defective in materials and workmanship, and will return the repaired or replaced product to the purchaser at *Company*’s expense.

For warranty service and shipping instructions, contact the *Company* at the telephone number shown below. If the product is under warranty and the defect appears to be covered by this Limited Warranty, the *Company* will issue to the purchaser a Notice of Authorization For Warranty Return. Products returned to the *Company* for warranty service must be accompanied by a statement of defect, the Notice of Authorization for Warranty Return provided by the *Company*, and proof of purchase.

This Limited Warranty is conditioned on the following:

1. The *Company* must be notified within 12 months of purchase and have been given the opportunity of inspection by return of any alleged defective product free and clear of all liens and encumbrances to the *Company* or its manufacturer; and
2. The product must not have been abused, misused, or improperly maintained, and/or repaired during such period; and
3. Such defect has not been caused by corrosion or exposure to other than ordinary wear and tear.

**The company makes no other express or implied warranty or representation of any kind whatsoever including any warranty of merchantability or fitness for a particular purpose and all such other warranties are hereby included.**

The Company’s maximum liability hereunder is limited to the purchase price of the product. In no event shall the Company be liable for any consequential, indirect, incidental, or special damages of any nature arising from the sale or use of the product, whether based in contract, tort, strict liability, or otherwise.

Note: Some jurisdictions do not allow limitations on incidental or consequential damages or how long an implied warranty lasts, so that the above limitations may not fully apply. This warranty gives specific legal rights and you may also have other rights which may vary from jurisdiction to jurisdiction.

**For complete warranty and repair information Call (888) 982-7800 or visit [upsite.com](http://upsite.com)**

**Register your product online at [www.upsite.com/warranty](http://www.upsite.com/warranty) to initiate your warranty.**