

Raised Floor Grommet

Optimize the effectiveness of your existing cooling equipment while managing increasing heat loads with Eaton's Raised Floor Grommets. Our raised floor sealing system specifically addresses bypass airflow and its detrimental effect on data center cooling.

Eaton's split floor grommet offers superior performance over competitive products. The solution is comprised of non-permeable material that allows maximum pressure to be maintained in the sub-floor plenum by allowing cables to enter enclosures while minimizing bypass airflow. The split design allows for the solution to be installed in live environments. A cover is included to eliminate the risk of injury due to open holes in the raised floor.

The installation of the floor grommet increases energy efficiency and predictability within the data center.

The cold air supply is ensured to be delivered only where needed, increasing efficiency and predictability by eliminating bypass airflow and therefore reducing the data center's PUE.

Features & Benefits:

- Increased energy efficiency and predictability—eliminates bypass airflow while maintaining a consistent subfloor plenum pressure.
- Flexible, innovative design—overlapping serrated fingers and optional retention bands adapt to any size or shape cable bundle. Ties ensure a complete and lasting seal by providing tension against the cabling.
- Zero downtime—the split design allows for installation in live environments.
- Superior performance—delivers a faster and greater ROI than any other solution on the market.

Raised Floor Grommets

Part Number	Size	Quantity
FG118	11"W x 8.25"D	1
FG11810	11"W x 8.25"D	10
FG76	7.5"W x 6.5"D	1
FG7610	7.5"W x 6.5"D	10



The non-permeable material allows maximum pressure to be maintained in the sub-floor plenum when cables are installed; minimizing bypass airflow.

Eaton's Raised Floor Grommet vs. third-party grommets

	Eaton's Grommet	Third-party (brush style) Grommets
Passive Install	0 cfm	62 cfm
Centered Cable Bundle	40 cfm	52 cfm
Offset Cable Bundle	62 cfm	125 cfm

Testing performed in the data center laboratory demonstrates Eaton's Raised Floor Grommet's superior performance over third-party brush strip based solutions. This chart lists the bypass airflow in cubic feet per minute when the solutions were installed in a pressurized test fixture under a constant pressure of 208 Pascals. The CFM ratings were recorded using an air balancing bolometer flow capture hood. Test results verify that Eaton's solution provides greater efficiency and predictability than competitive brush strip based solutions. The Eaton solution provides up to a 50% reduction in bypass airflow compared to third-party brush style grommets.



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