

KoldLok Integral Raised Floor Grommet

DRD Technical Data Sheet | Product code: DRD-46-1000-1010

Product overview

Designed to seal openings in new raised-floor cable cut-outs before communications or power cabling is installed. The multi-layer brush system reduces bypass airflow through raised floors, helping conditioned air reach IT equipment more effectively.

Dimensions & specification

Specification	Detail
Overall size	279 x 210 x 41mm
Height above floor	3mm
Usable cable area	203 x 102mm
Centre-tile cut-out	235 x 172mm
Long-edge cut-out	235 x 191mm
Short-edge cut-out	172 x 260mm
Frame / finish	Moulded polypropylene / black

Key features

- Split Integral design allows floor tiles to be moved without trapping installed cables.
- No loose components that can separate or fall below the raised floor.
- Impact-resistant construction protects raw floor-tile edges.
- RoHS compliant; four self-drilling installation screws supplied.

Sealing & performance

- Opposing, interwoven nylon brush layers recover and self-seal around cable penetrations.
- Approx. 25,000 filaments per grommet using flexible Type 6 nylon.
- Allows passage of 100A power connectors.
- Effective bypass-airflow sealing up to 0.10 in water column in undisturbed areas.

Operational benefits

- Helps increase effective cooling capacity and reduce unnecessary cooling demand.
- Supports improved equipment reliability and service life.
- Helps increase under-floor static pressure and improve cool-air delivery through perforated tiles and grilles.
- Supports hot-aisle / cold-aisle airflow-management best practice.

DRD note: For project quantities, alternative KoldLok sizes or help selecting the correct floor grommet, contact Data Room Direct.