Best Practices for Neat, Reliable Installations in South African Conditions

PRE-INSTALLATION CHECKS

- ☐ **Check cable types:** Use CAT6 or CAT6a for high-speed and PoE applications
- ☐ **Plan the rack layout: K**now where each device will be mounted
- ☐ Confirm expected cable runs and endpoints
- ☐ Allocate separate paths for power and data cables

INSTALLATION SETUP

- ☐ Use Velcro straps - avoid plastic ties that pinch cables
- ☐ Bundle cables neatly in groups (per device type or direction)
- ☐ Avoid tightly coiling excess cable - cut to length where possible
- ☐ Maintain minimum bend radius - no sharp kinks or pinches
- ☐ Keep airflow clear - avoid blocking ventilation slots or fans
- ☐ Label both ends of every cable - use printed labels or clear marker sleeves

POST-INSTALLATION CHECK

- ☐ Double-check all cable labels are legible and correct
- ☐ Confirm tidy routing - no tangled or crossing cables behind the rack
- ☐ Check that doors, panels, and fans close without obstruction
- ☐ Take photos of the finished rack for install documentation
- ☐ Attach a basic cable map or diagram to the install report

NEED HELP?

Contact our expert support team for advice on rack planning, best-practice layouts, or cabling tools.

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