

Extreme Weather Shelters

Modular, Custom Design

Due to the remote nature of broadcast sites, LS of South Africa has identified the need for modular enclosures that are designed in a manner to allow the components to be carried by hand and be assembled on site. Once assembled the very robust enclosures are able to handle the extreme environmental conditions associated with RF transmission “high-sites”. In-house engineering support is made available during the entire project lifecycle. Customer requirements are assessed by a team of experts and formalised as a baseline specification for production. Available in all sizes.

Design Approach

- Extremely rugged and weatherproof
- Affordable, modular design
- Guided on-site assembly
- Delivery and placement anywhere on the globe

General Features

- Reinforced chromadek panels for insulation
- Raised, anti-static floor to house cabling
- Plinth or base mounted options
- Heavy-duty locking mechanisms
- Fire detection and suppression options
- Custom power supply configurations
- Split cooling systems for efficient heat exchange
- Telemetry/remote monitoring options
- Reinforced, heated roof to handle heavy snowfall

Applications

- Broadcast facilities (Studio and transmission)
- Two-way radio communication networks
- General telecommunications applications
- Standby power generators and hybrid power systems
- Data centres
- Connectivity access centres
- Clinics and Laboratories

