

## Roadside Cabinet



The XL-CAB-2000 is based on the AS2578 Standard for Traffic Signal Controllers (TSC). The cabinet is a standalone pavement mounted structure with a single front access door. The cabinet is a rugged purpose designed weatherproof cabinet intended to house electronic circuitry and modules.

The XL-CAB-2000 is available in bare form (no electrical or fixtures), basic electrical switchboard and GPO configuration, 19 inch rack configuration and traffic signal controller configuration. Internal configuration variations are available for a range of applications where a TSC Standard conforming cabinet is required by the user.

### Features and Attributes



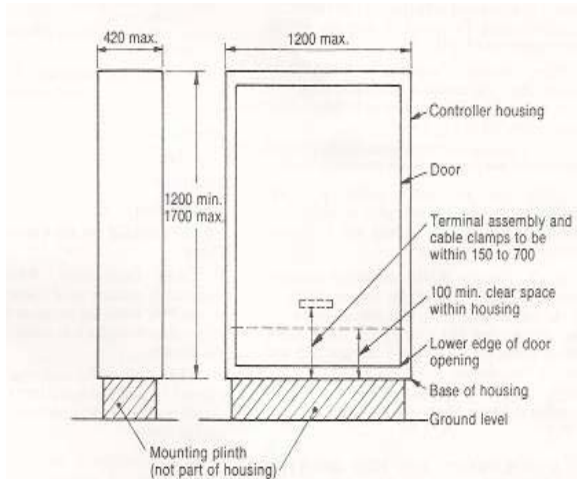
- AS2578 Australian Standard conforming cabinet, purpose designed for roadside traffic applications
- Designed for mounting on a conforming ground base via four studs with the longest side providing single door access
- Manufactured from industrial grade 2 mm aluminium, with appropriate structural components.
- Exterior finish typically powder coat paint finish in high gloss Admiralty Grey in accordance with AS K185
- Ventilation purpose designed to prevent condensation, maximum natural air convection and minimum ingress of foreign material
- Door retaining device is provided for securing the position of the door during access. The door provides maximum internal access. The door lock mechanism may be specified by the client
- Provision for connection to Telecom Lines via segregated conduit and an independent chamber accessible to the exterior
- Conventional cabinet based signal switching: an integrated solid state switching module provides traditional 110 volt AC and 240 volt AC switched outputs for traffic signal display via multicore cable
- Weather resistance - all doors and openings are provided with a durable and resilient weatherproof seal
- Storage pocket – a pocket is provided on the inside of the access door to store service cards and small circuit diagrams
- Optional EMC shield on door opening





## XL-CAB-2000 – Technical Specification Overview

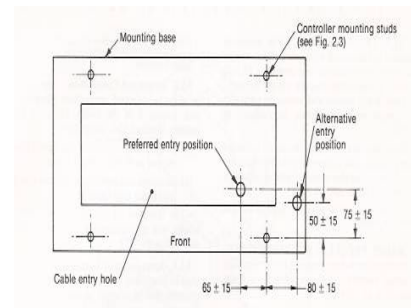
### Nominal Cabinet Dimensions - Australian Standard



### Cabinet actual dimensions

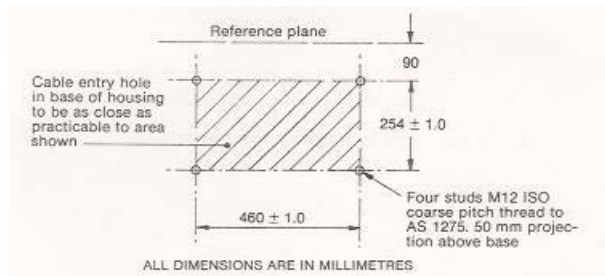
Height 1350 mm  
 Width 750 mm  
 Depth 450 mm

### Telecom access & mounting details



### Mounting dimensions

Hole centres width - 460 mm  
 Hole centres depth - 254 mm  
 Shaded area - cut away access typical 420 mm x 210 mm



### Environmental Testing

Temperature -20°C to 70°C  
 Humidity 90% +/- 5% (non condensing)  
 4 hour cycle evaluation for 24 hours

### IP45D Testing

Test wire 1 mm diameter x 100 mm long  
 Test force 1 N +/- 10%  
 Spray Nozzle Conforms Fig 6 of IEC 529  
 Spray Rate 12 litres/min +/- 5%  
 Spray Distance 2.5 mt to 3.0 mt  
 Spray Duration 5 minutes  
 Spray Direction All practical directions