

OVERVIEW

The Cannon Type 'C' Cabinets are totally sealed to IP65, which makes them suitable only for passive equipment not requiring cooling. They are manufactured in two heights of 1000 and 1200mm and a footprint of 600mm wide x 315mm deep. The base of the cabinet has a transformer root enabling it to be fitted directly to a standard half-width Network Rail Location Case pre-cast concrete block No BRS-SC 32.

Traditionally, the Type 'C' cabinet has been Cannon's biggest selling outdoor product line with many thousands installed throughout the UK rail network. Designed primarily for copper cable termination, the wooden or metal backboards allow it to be fitted with a variety of termination equipment/connectors to customers' requirements.

Fitted with an inner thermal chamber to eliminate condensation, this is a genuine and proven IP65 design with NAMAS test house approval and manufactured from Cannon specified high quality materials shows significant savings on true life costs.

Cannon Type 'C' Cabinets are fully approved by Network Rail to 97/U/C/024, Certificate No PA05/1128 and registered with PADS No 86/009967.



Example of product supplied with optional galvanised backboard, Krone frames and cable entry glands.

CHAMBER PROTECTION RATING

- IP65 complying with EN60529
- Protection degree guaranteed by the dual seal technology
- Totally sealed with no ventilation or change of air between outside ambient and internal air
- Impact resistance IK10 complying with EN62262.

PART NUMBER	DIMENSIONS (mm)			BASIC CONFIGURATION INFO***
	WIDTH	HEIGHT*	DEPTH**	
C051800A	600	1000	315	TREATED PLYWOOD BACKBOARD
C051800B	600	1000	315	GALVANISED BACKBOARD, (2) 10 WAY KRONE FRAMES
C051800C	600	1000	315	GALVANISED BACKBOARD, (2) 20 WAY KRONE FRAMES
C051800D	600	1000	315	GALVANISED BACKBOARD, (1) 20 WAY KRONE FRAME
C051800E	600	1000	315	GALVANISED BACKBOARD, (1) 20 WAY KRONE FRAME
C051800F	600	1000	315	GALVANISED BACKBOARD, (1) 20 WAY KRONE FRAME
C051800G	600	1000	315	GALVANISED BACKBOARD
C051800H	600	1000	315	GALVANISED BACKBOARD, DIN RAIL, CABLE MANAGEMENT & EARTH BAR
C051800J	600	1200	315	GALVANISED BACKBOARD & EARTH BAR
C051800K	600	1000	315	GALVANISED BACKBOARD, DIN RAIL, CABLE MANAGEMENT & EARTH BAR
C051800L	600	1000	315	GALVANISED BACKBOARD, DIN RAIL, CABLE MANAGEMENT & EARTH BAR
C051800M	600	1350	315	GALVANISED BACKBOARD, DIN RAIL, ID & CABLE MANAGEMENT
C051800P	600	1000	315	GALVANISED BACKBOARD, (2) 10 WAY KRONE FRAMES & DIN RAIL
C051800R	600	1000	315	GALVANISED BACKBOARD, (2) 10 WAY KRONE FRAMES

Notes: *Height dimension excludes 100mm plinth.

**Depth excludes root or plinth, plinth = 448 deep

***Details of gland configuration available upon request

Further dimensions available on request.

PRODUCT FEATURES

- IP 65 rated - Sealed with no ventilation or change of air between outside ambient and internal air.
- Manufactured in two heights of: 1000mm and 1200mm x 600mm wide x 315mm deep chamber.
- Cabinet is designed for passive, non-heat generating equipment making it unsuitable for active equipment.
- Fitted with a single thermally insulated door. Door sealed using a dual seal technology. Doors secured with a stainless steel multi-point dead locking system. Optional YALE 221 lock barrel.
- Fitted with a separate fully insulated, removable thermal chamber. Thermal chamber attached to outer body shell via supports fitted with thermal barriers. Chamber fitted with a cable entry glands.
- Internal fixings to customers requirements.
- The Thermal Transmittance Coefficient (U-Value) of the cabinet is 1.6-W/m².
- Cabinet tested to BS 2011 part 2.1 Db Damp Heat, Cyclic.
- Cabinet tested to BS 2011 part 2.1 Nb Rapid Change of Temperature.
- Cabinet can be fitted with various copper optional termination modules.
- Modular building techniques allow for customer design contribution and modifications.
- Standard colour is Light Aircraft Grey but can be painted to customer's specific colour/finish.



Example of product supplied with optional galvanised backboard, 10 way Krone frames and cable entry glands.

- Full multi-stage cleaning and pre-treatment prior to the application of an 90-micron powder coating
- Manufactured from "Heavy gauge" galvanized material giving a 25-year life expectancy
- Installed using "Direct Bury" in-ground root system using Network Rail item BRS-SC 32
- Approved to Network Rail No. 97/U/C/024. PADs No. 86/009967
- Includes many anti-vandal features within the construction
- Used in Rail side applications for both fibre and copper termination and cable jointing.



Cannon offer various cable gland options to assist in maintaining the IP65 sealing requirements.

PADS Approval certificate available upon request.



Independent IP65 lab test available upon request.

