

AT500 Series Connection box

The AT500 Series Connection boxes offer increased pair capacity while maintaining an industry footprint. The 34 way stainless steel backmount frame verticals support Krone 237 IDC strips giving a normal capacity of 340, 680, 1020 or 1360 pairs depending on the model.



Xtra backmount kit
(gives 50 pair capacity gain)

A unique feature of the AT500 range allows an extra 5 way backmount to be fitted under the standard verticals increasing the capacities to a roomy 390, 780, 1170 or 1410 pairs.

The door opens through a full 180° for ease of access. It can be removed entirely using quick release hinges and is easily reversed for left-right opening applications.

The door is fully lockable and is equipped with a large document wallet for system documentation.

Full cable entry and management facilities are included with ample jumper ring provision, 80mm knockouts in the sides, or by removing one or more parts of the two piece gland plates located top and bottom of the cabinet.

Lightning protection is fully supported. The backmount frames are connected permanently to a 5 way earth terminal.

Disconnect brackets are available for mounting 226 connectors in applications where extra backmount frames are not required.



AT520 internal view
(fitted with optional disconnect brackets to support 50 way 226 type connectors)

Feature Summary

- Industry standard footprint
- Xtra backmounts increase capacity by up to 15%
- Jumper rings for tidy cable management
- Split gland plates for maximum access flexibility
- Earth terminal block(s)
- Removable gland plates top & bottom
- Brackets for other connector types (e.g. 226, 41612) available
- Lockable door opens through full 180° for easy access
- Quick release hinges make door removable for initial installation
- Door can be hinged left or right
- Large document pocket inside door for system records
- Dished feet & keyholes for ease of wallmounting
- Wall mounting template supplied

Ordering & Technical Information

Description	Pair capacity	226 connector support	Dimensions (mm) W x H x D	Weight (kg)	Knockouts	Jumper rings	Part No. MK1	Carton Multiple
AT510 Box	340	12	300 x 1000 x 140	11	6	8	9BOX223091	1
AT520 Box	680	20	500 x 1000 x 140	17	6	12	9BOX223101	1
AT530 Box	1020	30	750 x 1000 x 140	25	6	16	9BOX223111	1
At540 Box	1340	40	1000 x 1000 x 140	32	6	20	9BOX223201	1
Xtra backmount frame kit	50	n/a			N/a	2	9KIT198581	1

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AT500 Series Connection box

Available in three capacities, 100, 200 and 400 pair the four cabinet AT501 range complements its larger brothers in the AT500 Series boxes, meeting the requirements for local distribution where deterrence to interference is required.

Each is equipped with stainless steel backmount frame verticals to support Krone 237 IDC strips giving a normal capacity of 100, 200 or 400 pairs depending on the model.

The door opens through a full 180° for ease of access. It can be removed entirely using quick release hinges and is easily reversed for left-right opening applications. The door is fully lockable.

A two piece cover plate fitted top and bottom of each cabinet allows a range of options for cable access to suit requirements, from total removal by discarding both pieces, to restricted access by refitting one.

Cable management facilities comprise of clamping points behind the cover plates and fitted jumper rings.

Lightning protection is fully supported. The backmount frames are connected permanently to a 5 way earth terminal.

Options and Accessories

For options and accessories to suit the AT500 range of boxes please refer to our Datasheet CB01B



AT501 range
(from top left AT502, AT504, AT502H, AT501)

Feature Summary

- Stainless steel backmounts fitted as 10 way 30mm deep in AT501 and AT502H, or 20 way 50mm deep in AT502 and AT504
- Jumper rings for tidy cable management
- Earth terminal block(s)
- Removable gland plates top & bottom
- Lockable door opens through full 180° for easy access
- Quick release hinges make door removable for initial installation
- Door can be hinged left or right
- Rubber spacers provided to allow mounting on uneven surfaces
- Wall mounting template supplied
- Standard finish and colour:- Textured light grey polyester

Ordering & Technical Information

Description	Pairs	Banks	Dimensions (mm) WxHxD	Weight	Jumper Rings	Part No	Carton Multiple
AT501	100	1x10way	235x350x115	3.2Kg	4	9BOX221921	1
AT502	200	1x20way	235x700x115	5.2Kg	6	9BOX221941	1
AT502H	200	2x10way	425x350x115	5.4Kg	6	9BOX221961	1
AT504	400	2x20way	425x700x115	8.6Kg	9	9BOX221981	1