

## **PCB Storage Rack**

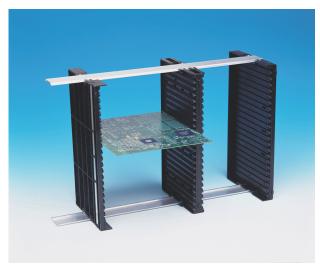
EL31/41/42 and ELF1/2/4/6 range

## Description

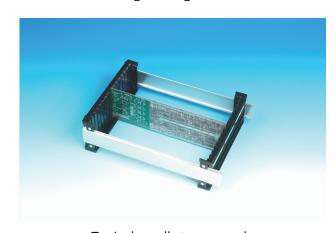
A simple yet very efficient method of storage and transportation of Printed Circuit Boards. Frames are fully adjustable and extremely versatile as they can be used in a vertical, horizontal or flat position. They are made up of 2 end walls located on aluminium rails with the option of a central divider for added capability. These assembled racks will fit perfectly into a standard euro container. End wall is conductive. All items are extremely strong and durable providing exceptional mechanical protection. The conductive properties provide a 'Faraday Cage' static safe environment for static sensitive devices and components.

## **Key Features**

- Carrying frames used in the production, storage and transportation of PCBs.
- Frames are made up of 2 lateral walls located on aluminium rails and with the option of a central wall in between. All aluminium rails are inter-changeable.
- Carrying frames can be built upon to create a custom made PCB storage solution.
- Can be used in vertical, horizontal and flat positions plus if equal in size, can be stacked.
- Made of conductive plastic.
- Slot sizes 2.5mm wide, 3.00mm deep with a 15.3mm pitch.



Large storage rack.



Typical small storage rack.





## **PCB Storage Rack**

EL31/41/42 and ELF1/2/4/6 range

Specifications	
Base Material	Polypropylene copolymer.
Conductive Additive	Carbon black.
Colour	Black.
Density at 23°C	1.04 g/cm^3.
Chemical Resistance	Excellent (according to the generally valid PP classification).
Vicat Softening Point	154°C ISO 306.
Working Temperature Continuous	Approx 80-100°C. Short term: Approx 100-120°C.
Surface Resistance	Less than $10^4 \Omega$ cm (measured according to CEI EN 61340-2-3 at $20^{\circ}$ C with a 5 cm <sup>2</sup> ring electrode).
Ageing Behaviour	No deterioration of conductivity (in 7 years of service) no leaching of corrosive substances, excellent UV resistance.

Sizing Options		
Conductive End Wall	Dimensions	
EL41	350 x 190 x 30mm	
EL31	250 x 95 x 30mm	
Pair of Aluminium Rails	Dimensions	
ELF4	53 x 352mm long	
ELF6	53 x 552mm long	
ELF1	53 x 152mm long	
ELF2	53 x 232mm long	
Conductive Centre Frame (Optional For Large Rack)	Dimensions	
EL42	350 x 190 x 35mm	

