



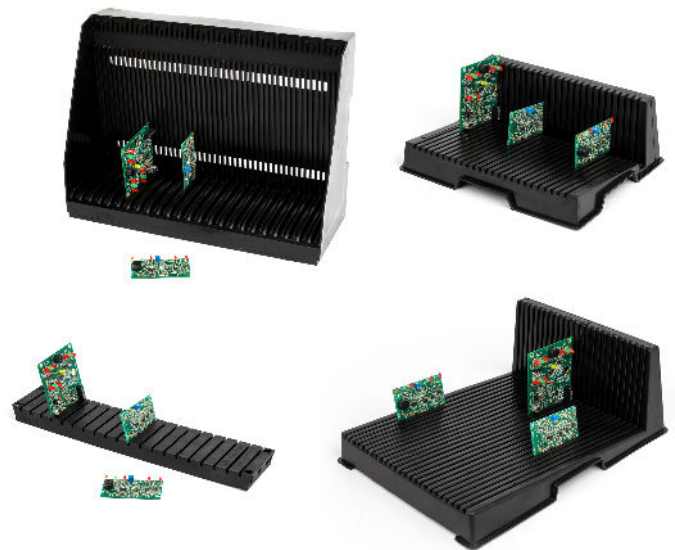
Conductive PCB Racks

PCB

Description

Robust, moulded conductive PCB racks are a very convenient method of storage and shipping in assembly area. These PCB racks are moulded black conductive polypropylene. Ideally, these should be used in unison with an ESD conductive surface such as an ESD bench mat or ESD workbench. They are carbon loaded robust racks for the protection of CMOS assembled boards.

Manufactured from a rigid carbon infused material these PCB racks are also stackable for space saving. For use in static controlled product areas where the racks give a conductive path to ground.



Size Options

PCBS - Maximum board thickness 3.0mm wide.
(Size: 210 x 275 x 95mm -25 slots.)

PCBL - Maximum board thickness 2.2mm wide.
(Size: 350 x 270 x 130mm -25 slots.)

PCBHD - Maximum board thickness 3.0mm wide.
(Size: 406 x 275 x 150mm -48 slots.)

UPCKS - Maximum board thickness 3.0mm wide.
(Size: 400 x 77mm -20 slots.)
Universal Panel Carrier.

Features

- Electrical Resistance 10^3 to $10^5 \Omega$.
- Strong rigid construction.
- Stackable for space saving storage.
- Conforms to IEC 61340-5-1.
- Moulded from black conductive polypropylene.
- Ideal for the transportation or storage of PCB's.

Manufactured in the United Kingdom.





Conductive PCB Racks

PCB

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 Ω cm (measured according to CEI EN 61340-2-3 at 20°C with a 5 cm ² ring electrode).
Ageing Behaviour	No deterioration of conductivity (in 7 years of service) no leaching of corrosive substances, excellent UV resistance.
Electrical Resistance RV	10 ³ to 10 ⁵ Ω
Recommended Maximum Operating Temperature	75°C



Important Notice: The information contained within this spec sheet is for guidance only. We make no warranties expressed or implied and assume no liability regarding any use of this information. Conductive PCB Racks, May 27th 2020.