



SatRack

A lightweight 19" rack case

Designed for ENG personnel who need their electronic equipment to arrive when they do, SatRack is a lightweight solution that can be hand carried on commercial airlines as checked luggage, saving time and additional baggage charges.

The weight restriction for checked baggage on commercial airlines is 23kg (without premium) up to a maximum of 32kg. The 4U x 610mm frame depth rack weighs only 9.1kg allowing over 20kg of equipment to be fitted.



SatRack Bi-Angled Anti-Vibration Elastomeric Mounts

The outer cover is made from 1000 denier Cordura, an abrasion and weather resistant material that is tear proof and will not rot. Ventilation panels help to keep equipment cool during operation in warmer climates.

To protect equipment against shock and vibration, the internal 19" frame is shock mounted on 8 bi-angled elastomeric anti vibration mounts (45 shore). These are angled towards the centre of the equipment, absorbing vibration and shock regardless of the orientation of the impact or drop.

The body shell is constructed from thermo-formed 10mm honeycomb polypropylene (HPP). HPP has a high strength to weight ratio and is non-crushable. Thermo-forming does not crimp the HPP, giving the angled edges longitudinal strength and rigidity.

The HPP body shell is encased within a 3mm HDPE foam jacket which helps to insulate the rack and offers cushioning to create a 'carry friendly' piece of ruggedised luggage. HDPE foam is closed cell, alkaline and oil resistant and impervious to the elements.

STANDARD SIZES						
Part Code	U Height	Internal Frame Depth	External Dimensions (mm)			Weight (kg)
			L	W	H	
SR0348	3U	480mm	610 × 610 × 274			7.3
SR0448	4U	480mm	610 × 610 × 319			8.0
SR0548	5U	480mm	610 × 610 × 363			8.7
SR0361	3U	610mm	740 × 610 × 274			7.9
SR0461	4U	610mm	740 × 610 × 319			9.1
SR0561	5U	610mm	740 × 610 × 363			9.35



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- This unique rack case is fully compatible with all 19 inch rack-mountable equipment and is also available with a 1/2 rack frame width (9.5 inch).
- The rack frame is supplied with stainless steel sliding, floating, captive M6 caged nuts allowing easy fitting of equipment.
- As a rack case, equipment does not need to be unpacked and can be configured easily to be operational quickly after arrival.
- The rack frame is suspended by eight elastomeric anti-vibration mounts which provide 40mm of "sway" space between the rack and body shell.
- An extra-long handle grip allows for changes in the centre of gravity of equipment and separates for easy 2-person lifting.
- Heavy duty flag stitching around handles that will not tear under strain.



Special 1/2 size SatRack

Additional options include:

- Wide range of optional colours available (standard black available for Quickship in 7 days).
- Additional ventilation can be provided by small axial fans.
- Optional protective skirt prevents the ingress of dirt, water or small items into the case. When combined with axial fans the fitted skirt helps to control airflow through the case.
- Heavier equipment can be further secured with optional support shelves fitted above and below.
- Heavy duty YKK No. 10 zips and pullers fitted to front and rear access panels which can be padlocked.
- Optional trolley is available for easy transit through airport.

SatRack has been successfully deployed by the military and leading ENG organisations including ABC, Sky and BBC.

