

datanet.co.uk

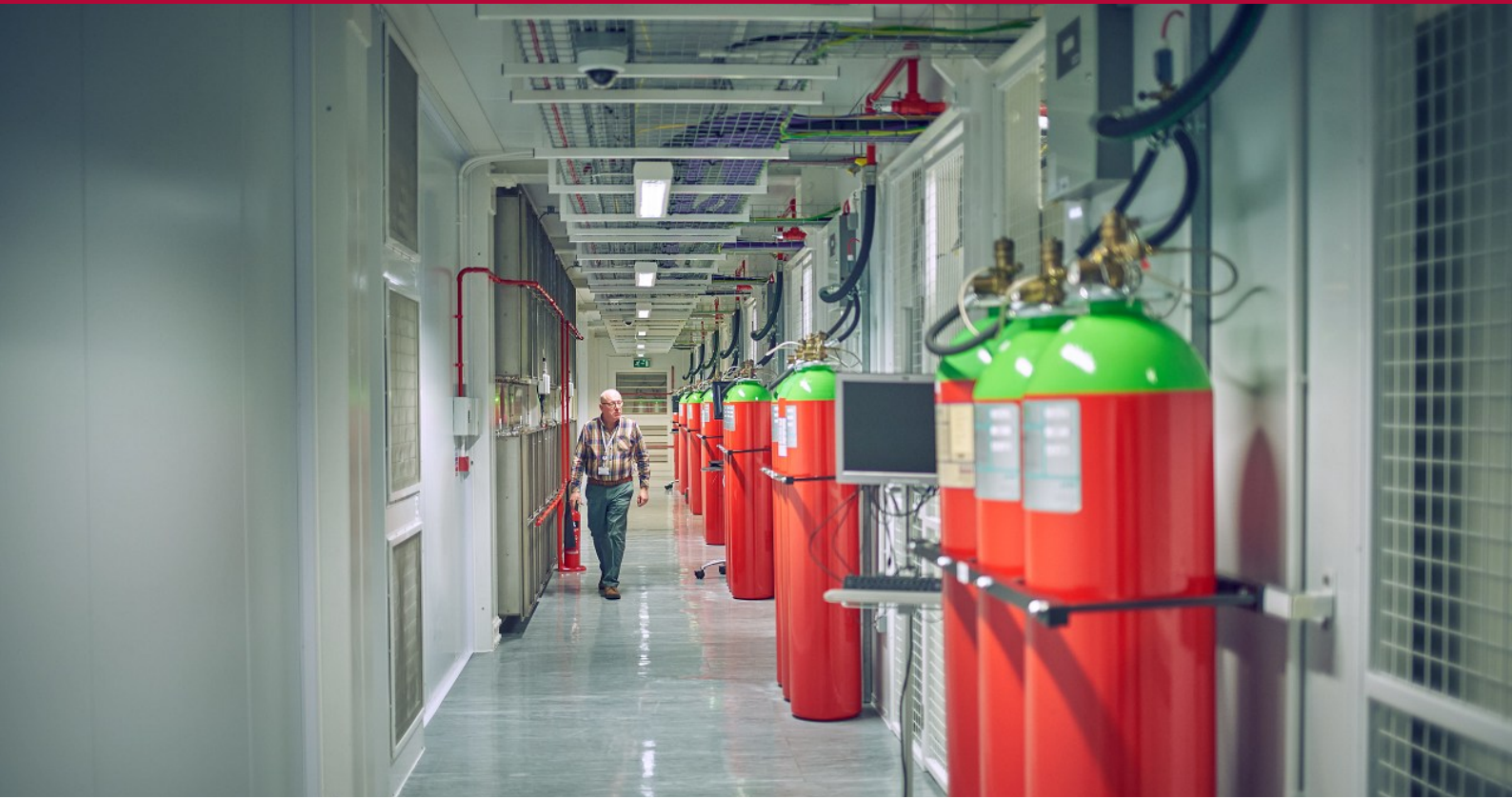
Secure Sustainable Hosting & Networks

ULTRA Full 47U Rack

ARK Cody Park A101, South Gate, Old Ively Road, Farnborough GU14 0LL

All-In-One Colocation Solutions
Power, Cool, Protect, Connect





The ULTRA Data Centre

Datanet's colocation facilities are located at ARK Data Centres' Cody Park in Farnborough, Hampshire UK.

Quite simply one of the finest Data Centres in the country.

Datanet makes use of two diverse Data Halls within the A101 Data Centre, one of five Data Centres at the site.

Each of our Data Halls is supplied from separate energy centres and their own independent network connectivity and diverse cooling..

With capacity for around 400 racks and 1.5 MW of IT load, Datanet has the space and power for your colocation needs.

The site offers a wide range of on site network carriers, with access for both the Public Internet and Private Connectivity.

Transport links to the nearby M3 motorway, Farnborough Main Railway Station and Farnborough Airport are mere minutes from the site.

With Tier III certification, and government approved levels of security, Datanet at ARK makes the perfect choice for your data and critical infrastructure to be hosted in a secure yet accessible and convenient location.

The ULTRA Full Rack

It's Datanet's mission to make this excellent facility accessible and affordable to anyone from small and medium sized businesses through to enterprise customers.

That's why Datanet blends everything you need into a simple affordable All-In-One package with our large 47U cabinets, diverse power feeds and dual redundant 10Gbps Internet connections as standard.



The ULTRA Full Rack Package

Our ULTRA Full Rack is a wide, deep tall 47U cabinet, with redundant power and Internet connectivity. Hosted within our sustainable environmentally friendly secure Data Centre.

Power

- ⇒ Each rack comes with 2 x 32A (A+B) diverse power feeds
- ⇒ Delivered to an included pair of 32A Smart APC PDUs
- ⇒ Monitored PDUs as standard (remotely switchable is optional)
- ⇒ 2kW to 7.5kW power commit options. (more with additional PDUs)
- ⇒ Improved resilience with data halls fed from separate energy centres when taking multiple racks in different halls

Configuration

- ⇒ Large Cannon racks: 1200mm deep x 800mm wide and 47U high
- ⇒ Front to back cable pass throughs with air management brushes
- ⇒ Available in Server or Comms configured variations

Connectivity

- ⇒ Dual 10Gbps resilient Internet links
- ⇒ 90TB Data transfer per month as standard (Equivalent 300Mb CDR)
- ⇒ 16 x IPv4 addresses and a /48 IPv6 prefix, (extra available)
- ⇒ Multiple carriers on site (options for private circuits to your rack)

Security

- ⇒ 24x7 onsite security
- ⇒ Secure combination lock doors front and back
- ⇒ Secure aisles, you only access your aisle
- ⇒ Permanent security access passes for you to access your rack 24/7

Amenities

- ⇒ Access to our technical build room with Ethernet/WiFi to work onsite outside of the Data Halls
- ⇒ Use of the large board room style meeting room (by reservation)
- ⇒ Kitchen, shower, toilet facilities local to our Data Halls
- ⇒ Large parking area
- ⇒ Deliveries storage in our secure cage (by arrangement)
- ⇒ Secure loading bay
- ⇒ Use of multiple goods lifts
- ⇒ Onsite Remote Hands included





The Datanet Difference: Move In Assistance

At Datanet it's important to us that your move into our data centre is as painless as possible. That's why we're more than happy to offer move in assistance.

Having experience of moving over 50+ racks in the past we can assist you with flight cases as well as van loan.

We can even offer some of our support staff to be that extra pair of hands you need to get packed and unpacked as efficiently as possible.

We have multiple flight cases available of the right dimensions for large rack mount servers with thick padding and toughened exterior your servers will be nicely protected on their journey to ARK.

With large wheels on the flight cases as well as a perfectly sized ramp, getting those heavy cases on and off of the van is a breeze.

For even larger moves of multiple racks that need to be done all at once, we have partnered with Sunspeed who can offer even more assistance.

Moving your IT equipment is risky and expensive.... isn't it?

Datanet have partnered with Sunspeed to provide our customers with the peace of mind they need when it comes to IT relocation and technical planning.

Let's start a conversation.
Call Datanet sales on: 01252 810 010

Sunspeed
BUSINESS IN MOTION

datanet.co.uk
Private Cloud Solutions



Fully Resilient Network with 10Gbps to the Rack

Juniper Networks Hardware

Datanet uses Juniper Networks for it's primary IP, MPLS and Layer 2 connectivity service devices.

We take customers directly into this network with either 10Gbps or 1Gbps connections.

Dual redundant connections are included in the ULTRA Rack as standard.

Multiple Interconnects

Datanet has multiple interconnections with several diverse upstream carriers, as well as Internet peering exchanges and wholesale carriers to provide customers a resilient blend of Internet connectivity.

RIPE Members

Datanet are long standing RIPE members, operating AS20799.

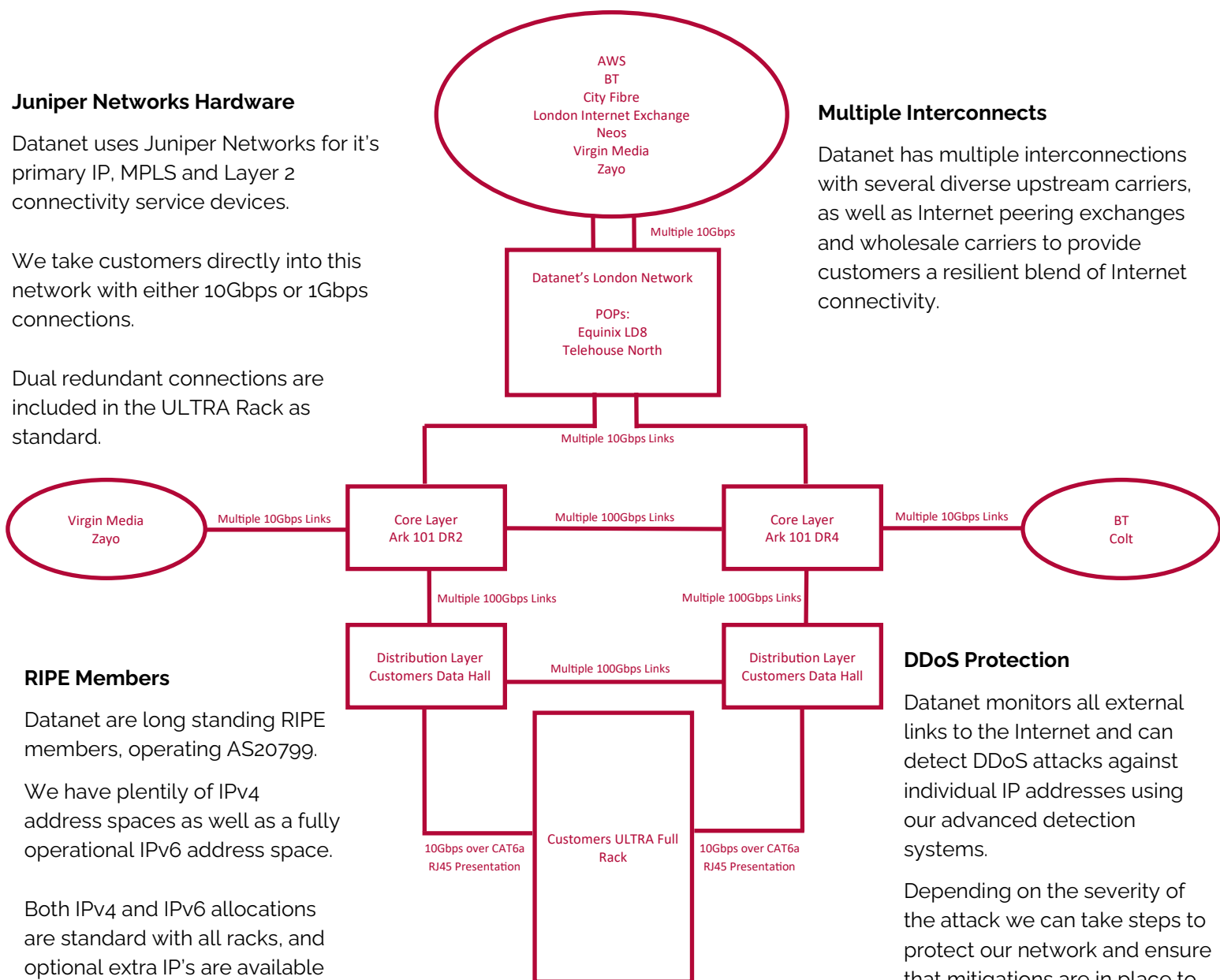
We have plenty of IPv4 address spaces as well as a fully operational IPv6 address space.

Both IPv4 and IPv6 allocations are standard with all racks, and optional extra IP's are available

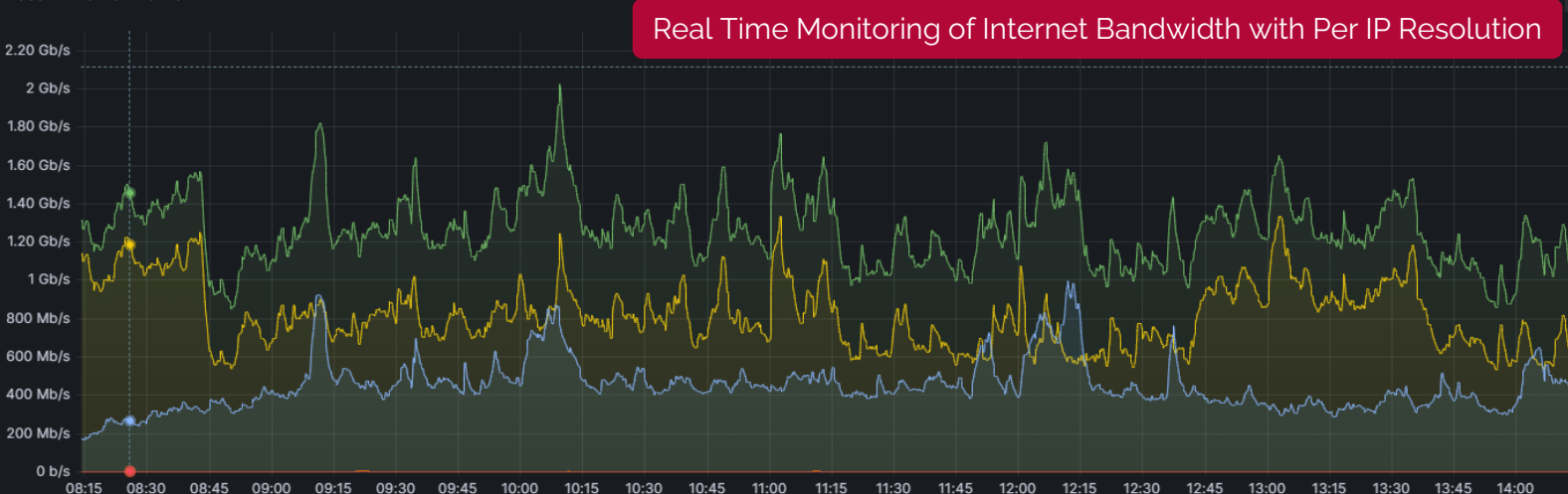
DDoS Protection

Datanet monitors all external links to the Internet and can detect DDoS attacks against individual IP addresses using our advanced detection systems.

Depending on the severity of the attack we can take steps to protect our network and ensure that mitigations are in place to protect customers from attacks.

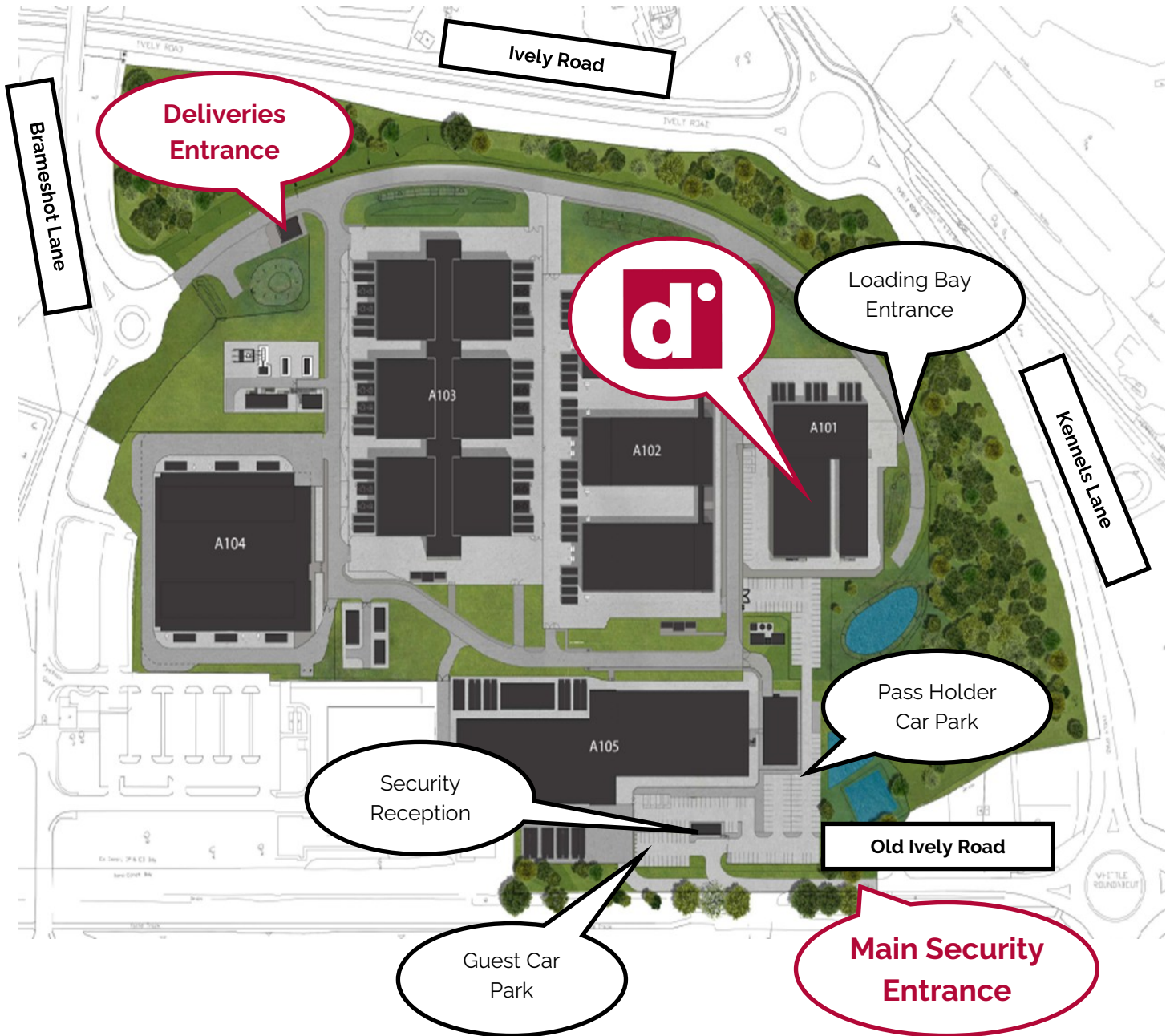


Recent Internet Traffic



Secure Sustainable Hosting & Networks

ARK Cody Park A101



ARK Main Security Entrance

DATANET.CO.UK
ARK Data Centres A101
Cody Park South Gate
Old Ively Road
Farnborough
GU14 0LL

ARK Deliveries Office

DATANET.CO.UK
ARK Data Centres A101
Cody Park North Gate
Bramshot Lane
Farnborough
GU14 0LH

Datanet Correspondence

DATANET.CO.UK Limited
PO Box 1124
Camberley
Surrey
GU15 9UD

ULTRA Full Rack Specifications

Height	47U
Width	700 or 800mm
Depth Door to Door	1200mm
Front Clearance	75mm
Maximum Server Depth	975mm (with 150mm rear clearance)
Front Cable Pass Throughs	30
Top Cable Feeds	6
Rear Cable Tidies	2
PDU Count	2
PDU Supply Sources	2 (A+B)
PDU Remote Monitoring	Yes
PDU Model (Standard)	<u>APC AP8853 (36xC13 & 6xC19)</u>
PDU Remote Switching	Optional
PDU Model (Optional)	<u>APC AP9953 (21xC13 & 3xC19)</u>
PDU Rating	32A Per PDU Installed
N+N PDU Rating	32A Per 2xPDU Installed
Standard Connectivity	2x10Gbps
Connectivity Presentation	RJ45
Connectivity Cable	CAT6A





01252 810100

www.datanet.co.uk