ENCONNEX™
Born to Innovate

DevShield™ Light RF Shielded Cabinet

SKU#: ECX-RFC-61342-PXXX

DevShield Light has the same features, benefits, and construction as the standard DevShield, just with a lower cooling capacity. DevShield Light is an RF shielded, EMC hardened enclosure with power and data line filtering engineered for real device testing at scale. Constructed from aerospace-grade aluminum with coppernickel gaskets sealing every opening, DevShield Light ensures maximum signal integrity within the cabinet. For high-density wireless testing, it can be configured to prevent channel interference from within as well.

APPLICATIONS

DevShield acts as a Faraday cage by attenuating RF signals entering or exiting the enclosure. Applications include installations in an office, lab, or data center.

Innovation

- Mobile device testing
- Segregation of wireless networks; In-rack wireless networks

Communications

- Emanations control mitigating interference with scientific equipment such as satellite radio antennas

KEY FEATURES

Lightweight, Rugged Construction

Rack weight does not limit installation location

Standard Rack Footprint

Seamless integration into data center layout

Figure 1 - DevShield™ Light RF Shielded Cabinet

Cooling

2x 235 CFM fans provide 2kW+ of cooling to support dense installations

Customizable I/O

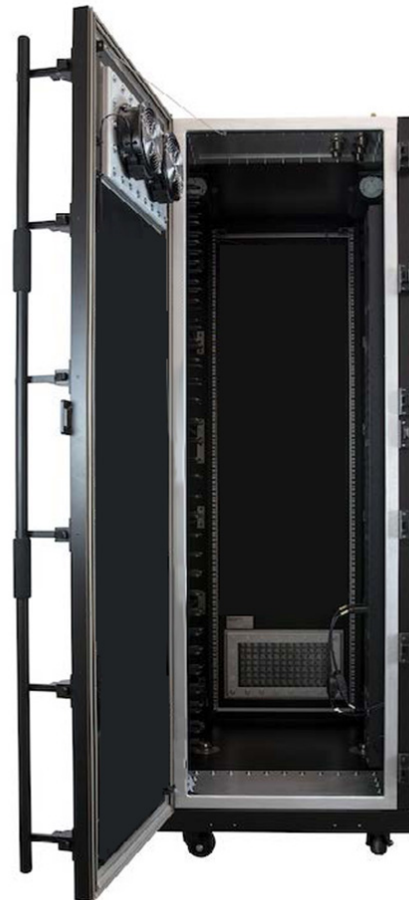Customizable I/O panels allow for signal and fiber connectivity

PRODUCT FEATURES

DOORS

- Two (2) doors: One (1) front door and one (1) rear door
- Single point vertical door handle with lift-off hinges
- Six (6) latches per door
- One (1) hasp lock per door
- One (1) replaceable air filters on front door

ELECTRICAL

- Two (2) 20 AMP, 250V locking receptacles (internal)
- Two (2) 20 AMP, 250V locking plugs (external)
- Two (2) Power cords, 10 feet
- Ground bar system (optional)

I/O PANEL

- Blank I/O panel (installed on bottom)
- Populated I/O panel
  - Installed on top
  - Two (2) SplitFORM fiber optic waveguides

MOUNTING RAILS

- Four (4) Adjustable 19-inch square hole rails
- Rails marked with rack units

COOLING

- 2 kW cooling with a 25° delta
- Two (2) 235 CFM fans with 60k hour L10 life expectancy

HONEYCOMB AIR VENTS

- Ten (10) Honeycomb air vents (5 per door)
- One (1) Replaceable air filters installed on intake 60k hour L10 life expectancy

PROVIDED ACCESSORIES

- Four (4) leveling feet
- Two (2) floor mounts
- Four (4) casters

ATTENUATION PERFORMANCE

- 90 dB @ 1 GHz
- 85 dB @ 2.4 GHz
- 85 dB @ 5 GHz
- 85 dB @ 10 GHz

SPECIFICATIONS

Physical	Specs
Dimensions (HxWxD)	88.74" x 26.49" x 56.97" (2254mm x 600mm x 1303mm)
Max Mounting Depth	990mm
# of RUs - Usable Space	42U
Net Weight	375 lbs or 170 kg
Weight Capacity (dynamic load)	1500 lbs (453 kg)