

TEST ENCLOSURES 5260 SRE



ETS-Lindgren's 5260 Shielded Rack Enclosure (SRE) provides the highest level of shielding in a 42u rack configuration. The ETS-Lindgren 5260 SRE provides up to 100 dB of shielding attenuation at 10 GHz in a 42u rack configuration making the enclosure ideal for 48.36 cm (19 in.) rack mount equipment applications. The enclosure features a lightweight custom aluminum shielding system, which incorporates vents and an optional rack mounted fan tray for applications requiring cooling. The enclosure also includes a customizable penetration panel to accommodate an assortment of feed through requirements. The 5260 SRE is mounted on casters and is just under 2.13 m (7 ft) in height* making it mobile and easy to move through a typical door. Leveling feet extend to prevent movement when mobility is not required.

ETS-Lindgren's 5260's high level of shielding attenuation makes it ideal for numerous applications including: Equipment Security, Data Center Equipment, Mission Critical Equipment, Lab and Production Equipment, and Coexistence concerns to name a few. Whether you need to avoid coexistence interference from adjacent equipment or looking to protect mission critical equipment, the 5260 provides a compact, mobile, and cost-effective solution.

5260 SHIELDED RACK ENCLOSURE (SRE)

- **Shielding Attenuation up to 100 dB at 10 GHz**
- **Includes a 42U Rack, 1360.77 kg (3,000 lbs Capacity Static Load)**
- **Utilizes ETS-Lindgren's RFCD Door Technology**
 - Front and Rear Doors Allow Full Access to the Internal Rack
- **Casters Allow for Easy Mobility**
- **Optional Rack Mounted Fan Tray**
- **Customizable Penetration Panel**

Product Features

Applications Include:

- Mobile Lab Equipment.
- HEMP, EMP, and IEMI Equipment Protection
- Data Center
- Equipment Security
- Coexistence Concerns
- Mission Critical Equipment

NOTE:

*The 42U SRE height is 82.25 in tall. Shielding accessories such as electrical filters and waveguides mounted to the penetration panel may increase the overall height of the enclosure.

TEST ENCLOSURES 5260 SRE

Performance Specifications

Electrical

Power	120 VAC/30 A
-------	--------------

Physical

Dimensions	1295 mm L x 610 mm W x 2090 mm H (51.0 in x 24.0 in x 82.25 in)
------------	---

Weight	191 kg (420 lb)
--------	-----------------

Connectors	Customizable Penetration Panel
------------	--------------------------------

Performance Specifications

Magnetic	10 dB @ 1 kHz, 25 dB @ 10 kHz, 42 dB @ 100 kHz, 60 dB @ 1 MHz, 90 dB @ 30 MHz
----------	---

Electric	25 dB @ 1 kHz, 53 dB @ 10 kHz, 77 dB @ 100 kHz, 100 dB @ 1 MHz to 30 MHz
----------	--

Planewave	90 dB @ 30 MHz to 1 GHz
-----------	-------------------------

Microwave	90 dB @ 1 GHz; 100 dB @ 10 GHz
-----------	--------------------------------

