

TEST ENCLOSURES 5260 SRE



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

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.

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.

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Performance Specifications

Electrical

Power	120 VAC/30 A
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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

