

DefenseShield™ EMC Hardened Enclosure

RF Shielded Cabinet Solution for Real Device Testing

DESCRIPTION

While testing mobile devices, e.g. mobile phones, access routers, WLAN components, the environment must be clean of other high frequencies to avoid any destruction of the mobile devices.

SOLUTION

The Enconnex DefenseShield™ RF Shielded rack allows dense installation of wireless devices while eliminating interference and providing cooling. This cabinet segregates wireless signals inside the enclosure from ambient signals in the application environment. The shielding allows multiple racks with hundreds of servers, access points, and mobile devices to co-exist without cross-talk.

DEFENSESHIELD™ RF SHIELDED CABINET BENEFITS

Scalability

The DefenseShield™ RF Shielded Cabinet allows testing to scale from an R&D lab testing several devices in a single enclosure to a datacenter with thousands of devices across as many racks as needed. Each enclosure remains isolated.

Seamless Integration

Standard footprint for seamless integration from lab to datacenter

Reliability

High-reliability fans provide 10kW+ cooling standard.

Configurable

Configurable power and connectivity options support any application



Figure 1 and 2 - DefenseShield™ RF Shielded Cabinet and device shelf

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