

IG-190R-4U

The IG-190R-4U built especially for using in rack enclosures. The product is ready to install in the rack enclosures, and can be removed and transferred easily. As you can learn from the product name, it's fit at 4U drawer at the rack 19'.

The IG-190R-4U design for testing any wireless transmission such as:
Wi-Fi, Bluetooth, RFID, 3G, WLAN, GPS and WiMAX.
It may also be used for cell-site testing, RF resistor testing and two-way radio testing.



Features

- Fast, reliable EMI/RFI testing and verification, while providing 100% effective shielding of 80dB minimum attenuation tested as per as MIL-STD-285D up to 6GHz
- Fit into rack 19'
- High performance construction of Aluminum and copper EMC shielding with ROHs compliant welding and RAL9005STD coating.
- Manual operation with top loading, two handle opened door, latch locking action, holder for the door.
- Shielding tested under lab conditions with signal generator by spectrum analyzer and conforming antenna. Manufacturer's C.O.T. and test results included.
- For small - medium UUT's
- Custom-made product adaptable to any application

Accessories

- Honey-comb air vent
- 2x Exhaust fan
- 4 SMA connectors
- Lan filter Connector
- Filtered terminal 220VAC
- AC power supply cord cable
- 1 Outlet 220VAC
- Filtered D-type connector
- RF absorbent foam liner
- Double lip RF sealing
- Grounding Point
- Rack 19' 120% opening

Optional Accessories

- Anechoic absorber lining for the interior surface
- Custom IO's panel with any filtered connectors you may need.
- Waveguide for optic fibers
- RF shielded observation window
- Additional in-port/out-port systems
- Extra custom-made requirements

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Dimensions – Outside

Length - 19"

Width - 52cm

Height - 4U

Dimensions – Inside

Length - 44cm

Width - 50cm

Height - 17 cm

Materials

Body - Aluminum Door – Aluminum

Color RAL 9005 Black

Frames – SAE 1020

brackets – SAE 1020

FAN – Rubber, sponge and plastic

Gaskets – Rubber, sponge and plastic

Opening system

Manual operation

Top loading

Toggle opened door

Latch locking action

RF sealing

Electric system

220 VAC Filter

1 outlet power 220 VAC

External power cable 220 VAC

Air vents

EMI shielded honeycomb

Fan - 40 CFM, magnetic - bearing, silence

IO's plate

Filtered SMA x4, LAN Ethernet Filter

Filtered D-type 50 Pin

Internal RF absorber

Internal surfaces covering with RF absorber foam

Attenuation level

0.1GHz – 1.0GHz > 70dB

1.0GHz – 3.0GHz > 70dB

3.0GHz – 6.0GHz > 70dB

Quality

Testing according to MIL-STD 285

A C.O.A will attach to each box.

Final Attenuation level will set as per as the weak chosen connector

Warranty – two years from delivering