

IG-190R-7U

The IG-190R-7U 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 7U at the rack 19'.

The IG-190R-7U design for testing any wireless transmission such as:
Wi-Fi, Bluetooth, RFID, 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 effective shielding of 65dB 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 RAL 9005 STD coating Black.
- Manual operation with top loading, 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 and medium UUT's
- Battery housing application + switch
- Easy manual operate

Accessories

- Double 90X90 Honey-comb windows
- 2 x Exhaust fan
- Filtered terminal 220VAC max 16 Amp
- AC power supply plug in + cord cable
- Outlet 220VAC/15A
- Filtered terminal 50VDC max 20 Amp
- DC Plug in
- RF absorbent foam liner
- Double lip RF EMI sealing
- Grounding Point
- Rack 19' 120% opening drawer
- Anechoic absorber lining for the interior surface
- 6 x Dtype 9 , 15 pin filters
- 1 x Dtype 50 pin
- 6 x TNC to TNC (F-F) connectors
- 6 x inner Dtype harnesses
- 6 x outer Dtype harnesses
- 1 x LAN filter Ethernet RJ45

IG-190R-7U

Dimensions – Outside

Length - 19"

Width - 52cm

Height - 7U

Dimensions – Inside

Length - 44cm

Width - 50cm

Height - 30 cm

Materials

Body - Aluminum Door – Aluminum

Front color RAL 9005 Black

Frames – SAE 1020

brackets – SAE 1020

FAN – Rubber, sponge and plastic

Gaskets – Rubber, sponge and plastic

Opening system

Manual operation 120% opening

Top loading

Toggle opened door

Latch locking action

RF sealing set

Electric system

220 VAC max 16 Amp

outlet power strip 220 VAC

External power cable 220 VAC + plug

100VDC filter 20amp with easy-to-use plug in.

Air vents

EMI shielded windows (honeycomb)

2 x fan 90x90 - 40 CFM, magnetic -

bearing, silence

IO's plate

6 x Filtered TNC (F-F)

1 x LAN filter Ethernet RJ45

6 x inner Dtype harnesses 6 x outer Dtype harness

1 x Filtered D-type 50 pin

Internal RF absorber

internal surfaces covering with RF absorber foam

Attenuation level

0.1GHz – 1.0GHz > 75dB

1.0GHz – 3.0GHz > 75dB

3.0GHz – 8.0GHz > 75dB

General

Warranty – two year from delivering

Testing according to MIL-STD 285

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