

IG-190R-7U

The **IG-190R-7U** is specifically designed for use in rack enclosures. This product is pre-configured for easy installation within rack enclosures and can be effortlessly removed and transferred. As indicated by its name, it fits perfectly into a 7U drawer in a 19-inch rack.

The **IG-190R-7U** is engineered to evaluate a wide range of wireless transmissions, including Wi-Fi, Bluetooth, RFID, 3G, WLAN, GPS, and WiMAX technologies.

Additionally, it is suitable 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 85dBm minimum attenuation tested as per as IEEE Std 299-2006 up to 12GHz.
- Design especially for multiple usages.
- Fit into rack 19".
- Can be used as desk unit.
- compliant welding and RAL 9010 STD coating.
- User-Friendly, compact design, and lightweight.
- 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

- 80X80 Honey-comb air vent
- SMA or other connectors
- Filtered terminal 50VDC max 20 Amp
- Grounding Point
- RF absorbent foam liner
- Double lip RF sealing
- Rack 19" shelf

Optional Accessories

- Custom IO's panel with any filtered connectors you may need.
- Waveguide for optic fibers
- RF shielded window
- Internal illumination
- Additional in-port/out-port connectors
- Extra custom-made requirements

| Dimensions – External | Dimensions – Internal | Material |
|--|--|--|
| Width: 43cm | Width: 37cm | Body+ Door: Aluminum |
| Depth: 71cm* (can be varied to the customer's request) | Depth: 55cm* (can be varied to the customer's request) | Frames+ Brackets: SAE 1020 |
| Hight: 37cm | Hight: 31cm | Fan+ Gaskets: Rubber, Sponge and Plastic |
| Electric system | Opening System | Attenuation level |
| 220 VAC max 16 Amp | Manual operation | 0.1GHz – 3.0GHz > 85dB |
| 4 outlet power strip 220 VAC | Top opening door | 3.0GHz – 6.0GHz > 85dB |
| External power cable 220 VAC + plug | Latch locking action | 6.0GHz – 12.0GHz > 80dB |
| 50VDC filter 20amp with easy-to-use plug in. | RF sealing set | |
| internal lightning | | |
| IO's plate | Air vents | Internal RF absorber |
| Filtered SMA x4 | EMI shielded windows (honeycomb) | 24 db , internal surfaces covering with RF absorber foam |
| | AC fan 90x90 - 40 CFM, magnetic - bearing, silence | |
| Quality | | |
| Testing according to IEEE Std 299-2006 | A C.O.A will attach to each box. | Final Attenuation level will set as per as the weak chosen connector |
| Warranty – one year from delivering | (Does not include rack mounted shelf) | |