

Shielded box/data connections

Portable with high attenuation



RF shielded boxes for wireless testing & forensics

This RF Shielded box has up to 120dB reduction of RF signals up to 5 GHz. This makes the shielded box ideal for the testing of cellular handsets, RFID, Bluetooth, Zigbee, WiMax, WLAN or similar wireless devices. The box can be constructed in any required size.

The mobility makes the box well suited for forensics when the current state of an electronic device needs to be frozen by blocking all wireless contact with the outside world.

Applications

- Digital forensics
- Wireless testing
- R&D
- EMC Testing

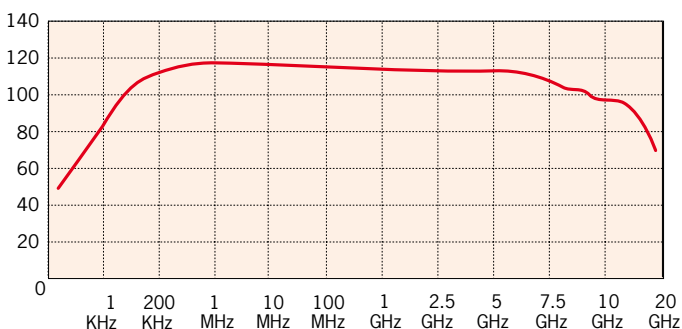


The box can be equipped with shielded power filters for power connection in the box while still blocking all wireless signals. In addition the box can be equipped with any or all of the following options:

Options

- Shielded ventilation panels for heat transportation
- Shielded window to maintain visual contact with the devices
- Coaxial feed-throughs / Signal filters
- Ethernet connection

Shielding performance (dB)



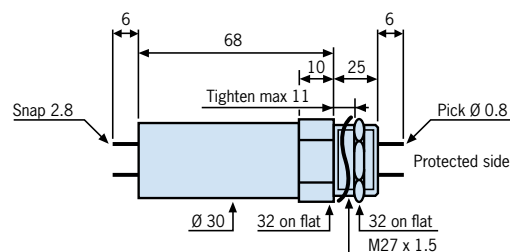
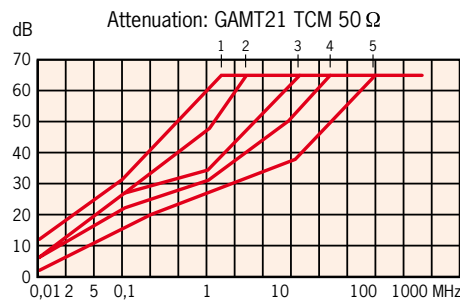
Fiber optic ethernet converter set 7894

Feedthrough set for shielded rooms and Faraday cages.

Shielded room feedthroughs for high speed Ethernet/UTP communication links. The Ethernet fiber Media Converter is used to convert a 10/100Base-T signal to a 10/100Base Optical signal, so you can use your internet connection or for example your video camera connection inside or outside the Faraday cage while maintaining over 140dB of room attenuation.

The set consists of two shielded fiber optic converters, waveguide passage and 5 meters fiber optic cable.

Telephone filters with NEMP protection



Part Number	Under used	Impedance Ω	Pass band t 3 dB	Resistance Ω	Curve
Tel-5	Telephone CN DT 19200 bauds	600	50 kHz	< 1.5	1
Tel-50	56 kbits/s	600	500 kHz	< 1.2	4
Tel-50-2	64 kbits/s	100/120	500 kHz	< 1.2	1
Tel-100	144 kbits/s	100/120	1 MHz	< 1	2
Tel-200	256 kbits/s	100/120	2 MHz	< 0.5	3
Tel-500	512 kbits/s	100/120	5 MHz	< 0.5	4
Tel-1000	2.048 kbits/s	100/120	10 MHz	< 0.5	5