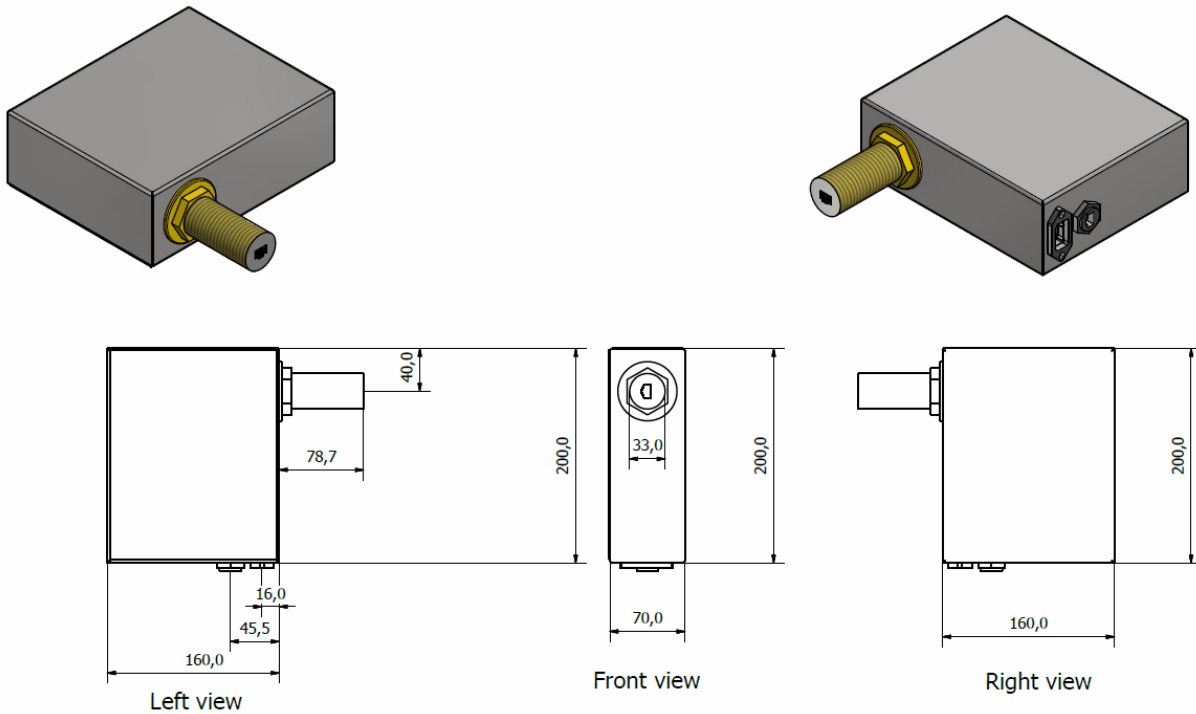




## Robust EMP-proof Ethernet converter filter for EMI-shielded rooms and Faraday cages



EMI-shielded room and Faraday cage feedthrough with EMP protection for high-speed Ethernet / UTP communication links.

Our EMP-proof Ethernet converter filter offers a shielded-room feedthrough for high-speed Ethernet/ UTP communication links. You can use your internet connection inside or outside the Faraday cage while maintaining your room attenuation. There is an electrical separation between in- and output, the optical links inside convert the data.

An optical-fibre guiding light (high frequency) does not guide magnetic and electric waves. Because the optical fibre does not function as an antenna.

### Specifications

RF isolation input-output up to **120 dB** from 9kHz – 40GHz exceeding MIL-STD-188-125-1 requirement, measured according to MIL-STD-220C (insertion loss input to output). EMP protection for the connections on the inside of the shielded enclosure.

- Internal integrated power line filter (EMP proof)
- EMP-proof (MIL-STD-188-125-1)
- Full / Half Duplex
- 1000Mbit edition
- Power supply: 24V DC
- Max. 200mA
- UTP connector type: RJ45
- Power connection: CA 3 LD and CA 3 GS male connection on device
- Point 1: +    Point 2:-

