

7895 - Audio, DVI & USB data line filter

Shielded room feedthrough for high speed DVI and USB 2.0 communication links. The DVI USB 2.0 Data line filter is used to convert a DVI and USB 2.0 signal to a optical signal, which subsequently goes via a waveguide into the Faraday cage.

The DVI USB 2.0 Data line filter is optimized for state of the art signals such as DVI and USB. The transmission distance of up to 500m is completely lossless.

Using the DVI USB 2.0 Data line filter 7895 you can use DVI or USB 2.0 communication links for example for interface supports keyboard, mouse, tablets, touch screens, sound modules, printer, smartcard readers, serial adapters, video camera connection inside or outside the Faraday cage while maintaining over 140dB of room attenuation.

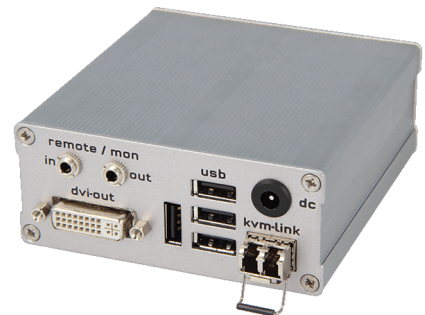
The set consists of two shielded fiber optic converters, waveguide passage and 5 meters fiber optic cable.

Benefits

- 500m Distance
- at 1920 x 1200 resolution
- without loss of quality and room attenuation
- Transparent USB 2.0
- Full HD video performance
- DVI extension
- Transparent USB 2.0
- Plug and Play installation
- Single fibre duplex cable required
- Small, so can be used for big Faraday cage to small mobile shielded boxes

Features

- Automatic Plug and Play installation
- USB Keyboard / Mouse / Touch screen
- Supports DDC / EDID monitor information
- Local and remote monitor
- Transparent USB 2.0 extension
- Full HD 1080p 1920x1080 @ 60Hz
- 19 "rack mountable
- Ultra compact: up to 4 channels in a 19" 1U
- Sound and RS232 via external USB adapters

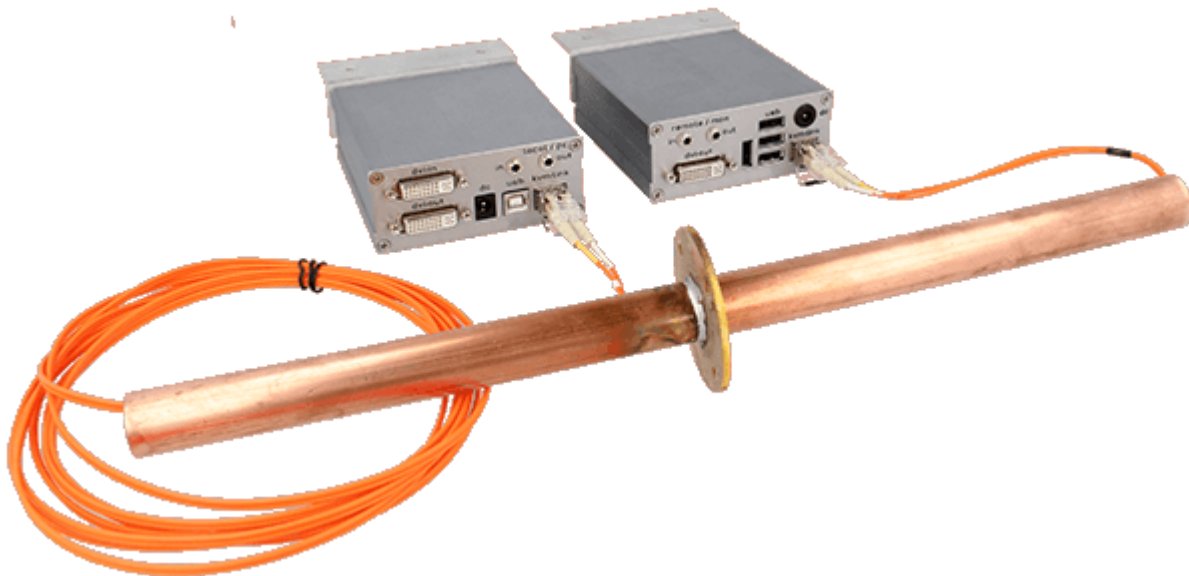


*Audio, DVI USB Data line filter for Faraday cages **Inside Faraday cage unit***



Outside Faraday cage unit

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The unit outside the Faraday cages is connected with the unit inside the Faraday cage through a waveguide an optical fiber.

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

An optical fiber guiding light (high frequency) will not guide magnetic and electric waves. So signals from within the cage will not be transported to the outside of the cage, because the optical fiber will not function as a antenna.

Please note: Memory Stick / Harddisk support available by switchable USB Memory option (on request).

Part number

7895

Audio, DVI & USB
data line filter set
including waveguide

Partnumber / Ordercode:

7895