

Field of application and characteristics

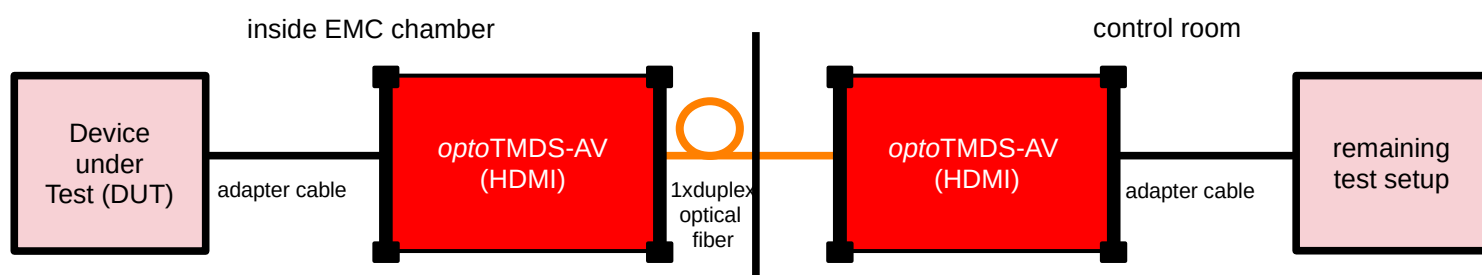
The *optoTMDs-AV* is compatible to HDMI and can transmit video signals with a resolution up to 2160p30. Not all signal combinations are supported, please ask for details.

Please note that HDMI is a consumer electronic interface that is not capable of automotive or MIL test levels.

With the integrated batteries and shielded housing as well as a box-in-box concept for the video signal connector, it is maximum prepared to what is possible with this type of connector. The quality of the shielded cable plays a significant role in EMC performance.



Application



Technical data

| | |
|--------------------|---|
| Channels: | 1 channel |
| Resolution: | 2160p30 |
| Data direction: | bidirectional |
| Input: | compatible to HDMI |
| Output: | compatible to HDMI |
| Power supply: | integrated batteries 4 Ah, consisting of 7x NiMH cells, 8.4 V operating time with fully charged batteries: approx. 6-8 h |
| Housing: | aluminum with rubber protectors 165 mm x 86 mm x 65 mm |
| Weight: | approx. 760 g |
| Optical connector: | 2x FSMA / duplex multimode fiber 62.5/125 µm, 850 nm |

Options

- 7 cell external power pack (4 Ah or 10 Ah) for run time enhancement
- various adapter cables and customized solutions
- push pull charge connector (advantage: save setup time)
- ...