



- Bidirectional, up to 250 kBaud
- max distance >500 m
- EMC compliant to CISPR 25, Class5

## foRS232

In complex testing environments it is often necessary to transmit electrical signals into or out of the chamber to connect with the test equipment.

For this purpose we offer a variety of interfaces that convert electrical signals into optical signals and vice versa. Through this conversion, signals are transmitted via fibre optics, making them immune to electromagnetic fields.

A sophisticated shielding and filtering concept ensures that the interfaces are highly immune against radiation and do not emit any significant interference.

## FEATURES:

- Emission: EMC compliant to CISPR25 Class 5, 150 k – 4 GHz
- Battery (up to 30 hours operation)
- Compact metal housing
- No galvanic connection between test equipment and measurement instruments
- Continuous operation with external 12 V / 2 A power supply possible

## ACCESSORIES:

### standard:

- One set consists of two converter units
- All interfaces are shipped with the appropriate power supply or battery and charger.

### optional:

- Fibre optic cables: variable lengths ST/FSMA-connector or ST/ST-connector
- FO-Patches (feed through wall patches)

## TECHNICAL DATA

Interface	1 Channel Rx+Tx, without handshake
Data rate	up to 250 KBaud
Electrical connector	RS232 asynchronous: DB 9
Fibre optic connection	FST
Fibre optic cables	multimode duplex fibre, 50/125 µm
Maximum fibre length	> 500 m, depends on number of patches
Wavelength	850 nm
Power supply and charging	12 V DC 2 A wall power supply
Operating temperature	0 °C / +40 °C
Operating humidity	20 to 85 % RH
Weight	0.7 kg
Housing	passivated aluminium, stainless steel, 2 mm, silver
Dimensions	140 x 116 x 72 mm (LxWxH)

Prices and specifications are subject to change without notice! For more details see manual.

**PONTIS**  
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A BRAND OF AUDIOVO

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