



- Autodetect or fixed:
 - 10Base-T
 - 100Base-TX
 - 1000Base-T
- 5 port Switch:
 - 4 * Ethernet, 1 fibre
- EMC compliant to CISPR 25, Class5
- Immunity 200 V/m

foEthernet4c

As Ethernet is increasingly used in industrial and automotive applications, often several devices need to be tested simultaneously.

The foEthernet4c is a five port switch in an EMC shielded housing. One port is developed as a fibre optic interface for communication outside the EMC chamber.

The other four electrical Ethernet ports can be set to 1000 MB/s Autodetect or fixed speeds of 10 MB/s or 100 MB/s by a manual switch.

The device is battery-powered. For continuous operation, it can be charged during use.

A set consists of the EMC-shielded switch and an unshielded media converter for use in the control room.

FEATURES:

- RF-Immunity:
 - Antenna radiated 200 V/m, 200 MHz – 18 GHz, ISO11452-2, CW, AM, PM
 - Stripline 200 V/m, 10 – 1 GHz, ISO11452-5, CW, AM, PM
- Emission: EMC compliant to CISPR25 Class 5, 150 k – 4 GHz
- Battery powered (approx.10 hours operation)
- Charging during operation
- Compact metal housing
- No galvanic connection between test equipment and measurement instruments
- One set consists of a shielded switch and an unshielded Ethernet media converter

ACCESSORIES:

standard:

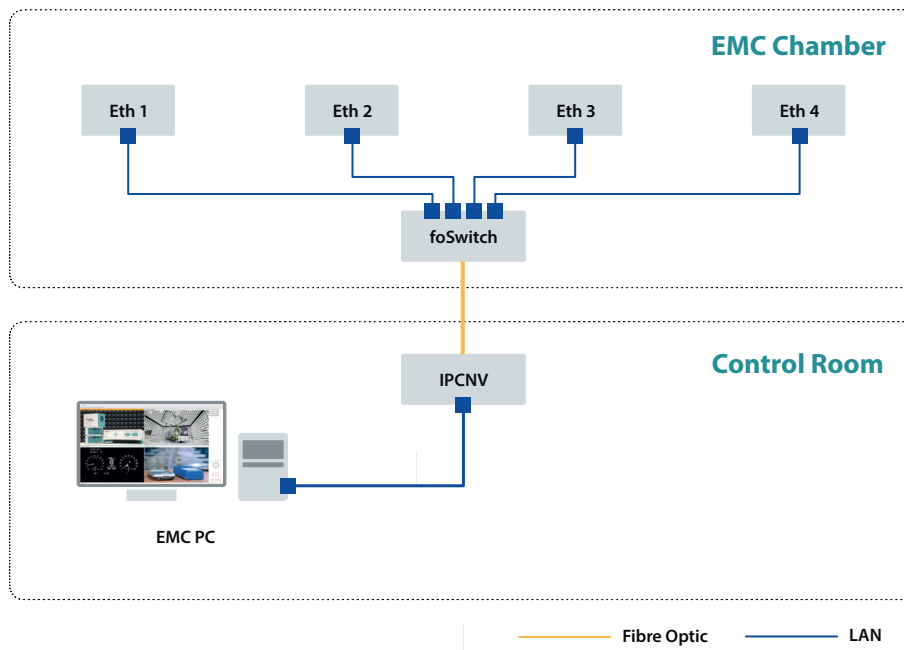
- All converters are shipped with the appropriate power supply also used for charging

optional:

- Fibre optic cables: variable lengths ST/FSMA-connector or ST/ST-connector
- FO-Patches (Feed Through wall Patches)

TECHNICAL DATA

Data rate	10 MBit/s: 100BASE-T 100 MBit/s: 100BASE-TX 1 GBit/s: 1000BASE-T
Connector	4 x Ethernet ports RJ45, 1 x optical FST
Electrical cable type	Shielded twisted pair cable: CAT.6, 100 Ohm, RJ45 - RJ45
Fibre optic cables	Multimode duplex fibre, 50/125 µm
Maximum fibre length	<100 m
Wavelength	1300 nm
Charging input	12 VDC 2 A
Operating temperature	0 °C / +40 °C
Operating humidity	20 to 85 % RH
Weight (Switch / Converter)	1.0 kg / 0.7 kg
Housing	Passivated aluminium
Dimensions Switch	105 x 125 x 65 mm (LxWxH)
Dimensions Media Converter	105 x 160 x 65 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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