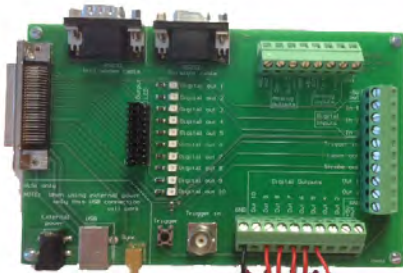


## Developer kits for easy IO access

### Printed circuit board for AS5216 boards



Avantes Spectrometers feature great flexibility offering multiple Input / Output connections. These IO can be used with Avasoft 8 (Time Series) or with customized applications. The DEVKITs are intended to make life easier in the development-stage. Instead of fabricating or soldering a cable with the right connections now it is easy to connect using the screw terminals.

The AVS-DEVKIT-AS(C)5216 contains the PCB-IO-EXT-BES Printed Circuit Board. This board has several screw terminals for easy connectivity to the IO points, a BNC con-

connector for the input trigger as well a push button for manual control. All outputs have a LED indicating their status (selectable with jumpers). Furthermore RS232 connectors are provided. For the ASC version a power, USB and SYNC connector are on the PCB. The PCB-IO-EXT-BES will be connected to the AvaSpec-ULS or AvaSpec-ULSi IO Connector with an interface cable.

Since the AS7010 and the AS5216 electronic boards share the same IO connections, the AVS-DEVKIT-AS5216 can also be used in combination with the AS7010.

### Ordering Information

#### AVS-DEVKIT-AS5216

- Developer Kit consisting of: PCB-IO-EXT-BES Printed Circuit Board for connection to Avantes Spectrometers with AS5216 or AS7010 electronics boards, to easily control and connect signals to the IO connector. IC-IOEXT-DB26 connection cable to connect the board to DB26 connector.

#### Service-Mini-MKII-IO

- Service part: Set of mating connectors and wires for AvaSpec-MINI MKII IO connectors.(3 connectors/ 30 wires)  
This set consists:  
3 x mating connector Wurth WTB series 665 010 113 322 and  
30 x 150mm precrimped cable Wurth WTB series 665 010 130 115

The Developer Kit makes life easier in the development-stage. Connecting the screw terminals will enable you to get your application up and running in no-time!

## OEM Spectrometer: Enclosures

For OEM (Original Equipment Manufacturer) customers, Avantes offers a line of enclosures for their spectrometers. There are multiple enclosures available for different combinations of AvaBenchs and circuit boards.



### Ordering Information

- |                               |   |
|-------------------------------|---|
| <b>AVS-HOUSING</b>            | • Aluminum housing to fit AvaBench-75 and AS-5216 board.  |
| <b>AVS-HOUSING-EVO-ULS</b>    | • Aluminum housing to fit AvaBench-75 and AS-7010 board.  |
| <b>AVS-HOUSING-DUAL</b>       | • Dual-channel aluminum housing to fit two AvaBench-75 and AS-5216/7010 boards.                                 |
| <b>AVS-HOUSING-EVO-HSC</b>    | • Aluminum housing to fit AvaBench-100 and AS-7010 board.   |
| <b>AVS-HOUSING-IND</b>        | • Neutral black aluminum housing to fit AvaBench-75 and AS-5216/7010 board with mounting ears                   |
| <b>AVS-HOUSING-DUAL-IND</b>   | • Dual-channel neutral black aluminum housing to fit 2 AvaBench-75 and 2 AS-5216/7010 boards with mounting ears |
| <b>AVS-HOUSING-HSC-OEM</b>    | • Stainless steel housing to fit AvaBench-100 and AS-7010 board.  |
| <b>AVS-HOUSING-NIR1.7-OEM</b> | • Stainless steel housing to fit AvaBench-50 and AS-7010 board, with mounting ears.                             |