



### Perfect digitizers for optical fibre measurements



The acquisition of low-level signals in optical fibre applications (such as OTDR, DTS, optoacoustic imaging or telecommunications) requires sampling with high-resolution and low noise. **Spectrum's M4i.44xx series Digitizers** deliver the performance that's needed, offering sampling rates from **180 MS/s to 500 MS/s with 14- or 16-bit resolution**. And, if you want to reveal the smallest signals, on-board **ultrafast Block Averaging** is available to help extract all the details!

[Learn more about the M4i.44xx series Digitizers](#)

[Link to the video](#)

[Learn about using Spectrum digitizers with Fibre Optics](#)



For **over 30 years**, all Spectrum products have been **"Made in Germany"**.  
We offer an **industry-leading 5 years warranty** - for your peace of mind!