

SWS-16 S-line Switch 1x16

Basic characteristic

- ▲ **S-line Switch 1x16** is extension module with 16 channels used for increasing the number of channels of S-line Scan 800 interrogator.
- ▲ **S-line Switch 1x16** is applicable for static measurement.



Performance properties

Number of channels	16
Scanning frequency ¹⁾	1 Hz
Wavelength range	80nm (1510-1590nm)

¹⁾ Our software Sentinel 2.0 works in 1Hz mode, slower data logging is available through down sampling.

Physical properties

Dimensions (without cable)	300x200x42mm
Weight (without cable)	2,02kg
Connector type	FC/APC
Interface	D-SUB

Packaging

Cardboard box with dimensions: 364x351x140mm (see [Figure](#))

Optional - Ruggedized transportation case with dimensions: 502x401x188mm (see [Figure](#))

Quality statement

All switches are 100% tested at SYLEX

Switch is manufactured according to ISO 9001:2008 and ISO 14001:2004

Accessories (included):

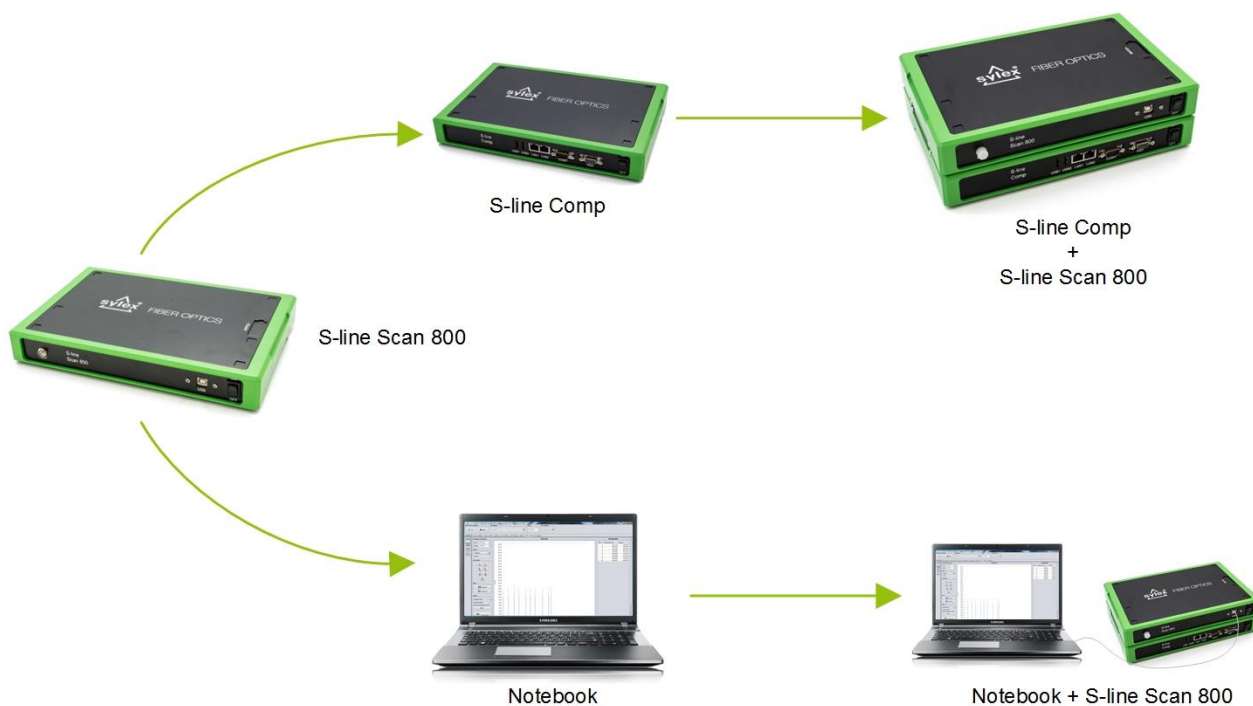
- ▲ Standard extension patchcord (SPA-02)
- ▲ D-Sub adapter

Recommended accessories within S-line family:

- ▲ S-line Scan 800 (SCN-80)
- ▲ S-line Splitters – 1x2 (SPL-02), 1x4 (SPL-04), 4x16 (SPL-16)

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Communication options example



Packaging options



Figure 1: Cardboard box as standard packaging



Figure 2: Watertight, crushproof and dust proof transportation case as optional packaging

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Benefits of S-line family



- ▲ All modules can be bought as separate units.
- ▲ Variable instrument configuration - all modules are stack-able to form standalone instruments of your desired configuration.
 - ▲ Simple upgrade from single channel interrogator to 4 or 16 channel interrogator just by adding 1x4 or 1x16 S-line Switch modules.
 - ▲ S-line Comp or Splitter modules can optionally be stacked on.
- ▲ Flexible configurations of connection network - more of individual sensors or sensor arrays can be coupled into one optical channel using S-line Splitter 1x2, 1x4 or 4x16 modules.
- ▲ No external electrical wiring is required between the modules. The communication and power supply between modules is realized through embedded connector.
- ▲ Remote or in-site communication with interrogator can be realized through S-line Comp - an industrial computer with Wifi and 3G options.

For more information contact our sales team at sales@sylex.sk

* Specifications are subject to change without notice