

The VIAVI Fiber Sensing portfolio includes Brillouin (B-OTDR) based distributed temperature and strain (DTSS) as well as Raman-based distributed temperature sensing (DTS) and traditional OTDR testing. Both solutions are offered in portable and rack-mounted configurations.

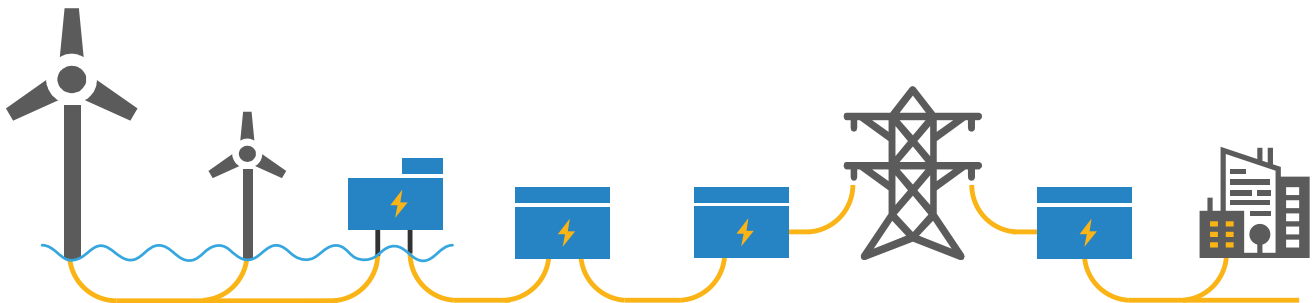
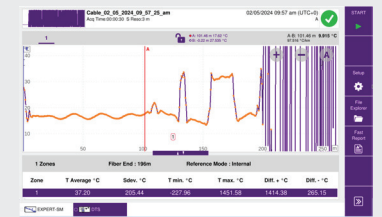
DTSS — The B-OTDR solution can be set up in portable platform (OneAdvisor 1000) for cable commissioning and routine auditing or in the rack-mounted platform (FTH-DTSS) for permanent monitoring through the widely deployed VIAVI optical fiber monitoring system (ONMSi).

- Simultaneous temperature and strain measurement requiring only one fiber
- Single ended testing
- 80 km range
- Remote access for testing and reporting via LAN or Internet connection
- Portable and rack-mounted configurations



DTS — The VIAVI solution combines two unique functions (traditional OTDR and DTS) in a single unit. Available in a portable platform (OneAdvisor 800) for routine auditing or in the rack mounted platform (FTH-DTS) for permanent monitoring through the widely deployed VIAVI optical fiber monitoring system (ONMSi).

- Rayleigh 1550 and 1625 nm OTDR measurements – fiber quality (loss, connectors, splices, etc.), fiber length, and bends
- Single ended testing requiring only one fiber
- Simplified DTS measurement – enter desired test time and spatial resolution and press START
- 40 km range
- Remote access for testing and reporting via LAN or Internet connection
- Portable and rack-mounted configurations



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