

OptiSmart SFP OTDR

Fiber Fault Reflectometer



OptiSmart SFP OTDR is a Gigabit Ethernet and STM-1/4 transceiver with built-in OTDR function.

Acting like a conventional SFP transceiver, once optical signal loss detected OptiSmart SFP OTDR automatically measures the distance to the fiber break point and reports it.

It is installed in network equipment of any vendor for fast break point identification of the optical fiber and for real time optical links monitoring.

OptiSmart SFP OTDR can be used to upgrade handheld Ethernet testers with an SFP slot.

Benefits of deploying:

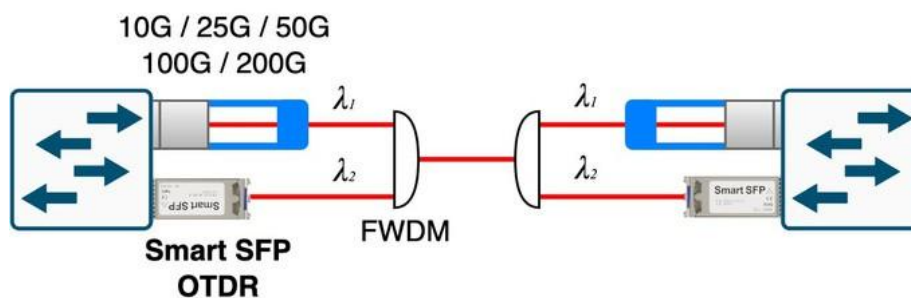
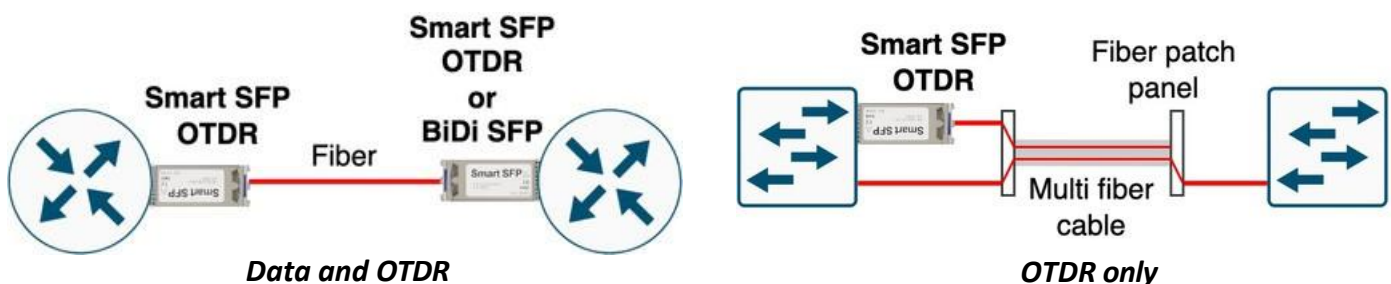
- Instant fiber break point identification
- Identify the distance to significant intermediate events with the high levels of reflected signal – air gap, dirty connector, bad splice and etc.
- Real-time remote fiber monitoring – break, degradation
- Operating over dark fiber and CWDM
- Less expensive than handheld or rack-mounted OTDR
- Reduce OpEx by eliminating false technician dispatches
- Reduce MTTR by locating fiber optic faults in seconds

Applications:

- Access networks
- Metro Ethernet
- CWDM
- Datacenter Interconnect (DCI)
- Remote Fiber Test Systems (RFTS)

Key features:

- Fast fiber break point identification
- 2 in 1: SFP and OTDR
- 10/25/40/50/100G links with FWDM
- Auto, manual or scheduled switching between SFP and OTDR modes
- Up to 50 km
- Results over DDM and module IDs



Connecting to high speed links

