PON Endpoint Tester K-ONT

The FTTH last-mile check from the distribution box: connect where the splitter sits, and the K-ONT reports the state of the endpoint link and the ONT at the far end — no house visit, no subscriber appointment.

The last kilometer is the hardest stretch of FTTH to test — the subscriber may be out and the ONT may be off. The K-ONT tests the endpoint link from the fiber distribution box: one connection returns the link state and the ONT's state as a plain conclusion, with 1310 nm and 1490 nm power readouts and a distance scale.



K-ONT PON endpoint tester showing a link-state conclusion on screen

Key Features

- Eight link-state results from one connection: ONT on, ONT off, no ONT (dead line), loss too high, broken fiber, and the no-OLT-signal combinations — each with its own icon and a plain-language conclusion on screen
- Power and distance together: upstream 1310 nm and downstream 1490 nm power readouts alongside a distance scale, so 'no light' and 'light but too weak' come back as different answers, not one shrug
- Works from the fiber distribution box: the endpoint link is tested from the box outward, without the subscriber opening the door or operating anything
- Failure location diagnosis for the last kilometer — the one stretch of the network an OTDR crew cannot normally reach without entering the home

Specifications

Function	PON endpoint link test — distribution box to ONT
Link-state results	8 (ONT on / ONT off / no ONT / excess loss / broken fiber / no OLT signal combinations)
Power readouts	1310 nm (upstream) and 1490 nm (downstream)
Readout	Colour display — status icon, conclusion, power bars and distance scale
Test point	Rear end of the optical fiber distribution box

More Views



What it checks — link state, power and fault location

In Use

Connect at the rear end of the fiber distribution box and run the test. The screen answers with one of eight link states — ONT on, ONT off, no ONT (dead line), loss too high, broken fiber, or a no-OLT-signal combination — so the crew can clear the job, call the subscriber, or escalate, all from the box.

Private Label & OEM

Supplied in neutral, unbranded stock as standard. Private labeling is made to your requirements — labels with your logo, part numbers and barcodes on the inner boxes and outer cartons, so the goods arrive ready for your warehouse. Custom barcode & contract labeling is applied to every inner box and outer carton to your receiving specification.