K-340 Optical Fiber Identifier with VFL

Clip-on live-fiber identification with a universal holder — plus a built-in 10 mW VFL and an LED work light for the dark corners of the cabinet.

One tool covers the two halves of live-fiber field work. As an identifier it clamps onto the fiber, reads presence, direction and relative power through a controlled bend, and recognises the far end's tone. As a fault locator, its built-in 10 mW VFL puts red light down the same fiber until the break or bad bend glows. The universal fixture takes every coating size as it comes — no chucks to swap.



K-340 on a live fiber — power and 270 Hz tone on the display

Key Features

- Three instruments in one housing: identifier, a built-in 10 mW visual fault locator (650 nm, 2.5 mm universal connector, 8-10 km) and an LED work light
- No chucks to change: one universal multi-in-one fixture takes Ø0.25 bare fiber, Ø0.9, Ø2.0 and Ø3.0 cable as it comes
- Backlit LCD shows relative power (-40 to +10 dBm) and the recognised tone; arrow LEDs give direction and a NO SIGNAL indicator says plainly when a fiber is dark
- Tone recognition at 270 Hz, 1 kHz and 2 kHz for end-to-end tracing on circuits that never come down
- Plastic housing, honestly specified: 219 x 45 x 28 mm and 235 g on two AA batteries that power identifier, VFL and light alike
- Private labeling made to your requirements — labels with your logo, part numbers and barcodes on the inner boxes and outer cartons, ready for your warehouse

Specifications

Identified wavelength range	800–1700 nm
Identified signal types	CW, 270 Hz, 1 kHz, 2 kHz (±5%)
Detector	Ø1 mm InGaAs × 2
Fiber holder	Universal multi-in-one fixture — Ø0.25 (bare), Ø0.9, Ø2.0, Ø3.0, no chuck changes
Signal direction	Left / right LED arrow indication, with NO SIGNAL indicator
Optical power reading range	-40 to +10 dBm
Display	LCD with LED backlight
VFL output	10 mW, 650 nm (LD), 2.5 mm universal connector
VFL range	8–10 km
LED work light	Built in
Housing	Plastic
Power supply	2 × AA batteries
Operating temperature	-10 °C to +60 °C

Storage temperature	-25 °C to +70 °C
Dimensions	219 × 45 × 28 mm
Weight	235 g

Two Views

Angled, the face carries the backlit display over the direction arrows, the power button and the two working buttons — LED light and VFL. The back view shows the clamp lever and battery cover; the kit shot shows how it travels.



Front and back — clamp lever, battery cover



As supplied — identifier and soft case

In Use

Clamp the fiber in the universal fixture and read the display: power, tone and direction in one look, NO SIGNAL if the fiber is dark. For the fault hunt, connect the VFL end to the fiber and look for the red glow at the break or tight bend — in a dark cabinet the built-in LED light covers the working area. Keep the fixture faces clean: the bend geometry is the measurement. Identification bends are brief working bends, not permanent taps.

OEM & Private Label

The K-340 is supplied in neutral, unbranded stock as standard. Private labeling is made to your requirements — labels with your logo, part numbers and barcodes on the tools, the inner boxes and the 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.