



Visual Fault Locator (VFL)

The CableMaster VFL is designed and used for continuity testing and fault location in optical fibers and components, supporting both single-mode and multimode applications. Depending on the use case, it can achieve a range of over 5 km. A universal adapter allows connection to all standard 2.5 mm optical connector systems, with an additional adapter available for 1.25 mm connectors. In flashing mode, the device offers an operating time of approximately 40 hours.

Thanks to its compact and robust design, the visual fault locator is ideal for daily use across all fiber optic applications - whether in data centers, outdoor installations, industrial environments, or laboratories.

The CableMaster VFL from Softing IT Networks stands out with several practical features, including a roll-resistant design, a dust- and impact-resistant captive cap, and a highly durable housing.

It can be operated easily with one hand and is powered by standard AAA batteries. A convenient clip allows the VFL to be hung or secured quickly whenever needed.

FEATURES

- Detection of mechanical damage to the fibre
- Fiber end detection (polarity check)
- Luminous range over a maximum of 5 km (typically and under normal lighting conditions)
- Generates visible laser light in the wavelength range of approx. 635 nm (red)
- Laser class 2 (IEC 60825-1:2014), transmission power < 1 mW



ORDERING INFORMATION

Article number

226114

CableMaster VFL

Scope of delivery: 1 tester, 2 AAA batteries, 1 card with QR code with link to manual and software, Pouch, adapter 2.5/1.25 mm, adapter FC screw connection

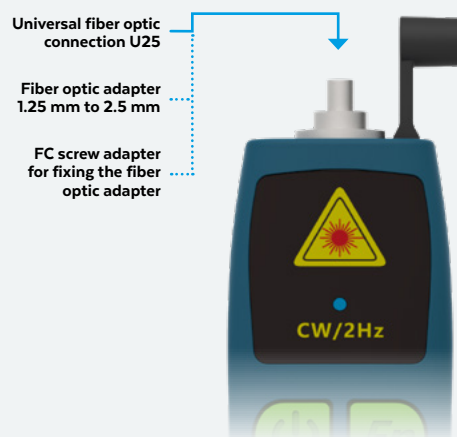


SCAN ME

TECHNICAL SPECIFICATIONS

Wavelength	650 nm ± 10 nm
Laser protection class	2
Laser type	LD
Operating mode	Continuous Wave; pulse mode: frequency 2 – 3 Hz
Optical output power	max. < 1 mW
Detection range	up to 5 km
Operating hours in CW mode	~ 13 hours
Operating hours in 2 Hz mode	~ 23 hours
Operating temperature	0 °C – +40 °C; <90 % RH
Storage temperature	-20 °C – +70 °C; <90 % RH
Geeignete Ferrule	DIN, E2000, FC, SC, ST
2.5 mm / 1.25 mm	2.5 mm: SC, FC, ST, DIN, E2000
2.5 mm / 1.25 mm	1.25 mm: LC
Ferrule retention force	Type 1 – 2 N
Ports	Universal 2.5 mm adapter – 2.5 mm/1.25 mm incl. FC screw connection
Operating time	1 battery pack (pulse mode): 40 hours
Power supply	2 x AAA Batterien
Size	120 x 33 x 30 mm (LxWxH)
Weight with Battery	68 g
Weight with accessories and packaging	108 g

CableMaster VFL ports



You can find additional accessories on our website, or contact us:

itnetworks.softing.com/contact

For more information please contact:

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