



OPTICAL MULTIMETER ALL IN 1 PROSKIT MT-7625

The **Proskit MT-7625** is a versatile **optical multimeter** designed for measuring various optical parameters in fiber optic networks. It is an "all-in-one" tool, meaning it combines multiple functionalities into a single device, making it a convenient choice for technicians and engineers working in telecommunications, data centers, or other fiber optic applications.

Key Features of the Proskit MT-7625:

1. **Optical Power Measurement:**

- Measures optical power in dBm or W (watts).
- Supports multiple wavelengths commonly used in fiber optics (e.g., 850 nm, 1300 nm, 1310 nm, 1490 nm, 1550 nm, etc.).

2. **Visual Fault Locator (VFL):**

- Helps identify fiber breaks, bends, or faults by emitting a visible red laser light.
- Useful for troubleshooting and locating issues in fiber optic cables.

3. **Fiber Identifier:**

- Detects and identifies optical signals traveling through a fiber.
- Determines the direction of the signal (upstream/downstream).

4. **Light Source:**

- Generates a stable light signal for testing fiber continuity or loss.
- Often used with an optical power meter for insertion loss testing.

5. **Compact and Portable Design:**

- Lightweight and easy to carry, making it suitable for fieldwork.

6. **User-Friendly Interface:**

- Features an LCD display for clear readings.
- Simple controls for quick operation.

7. **Battery-Powered:**

- Typically powered by rechargeable or replaceable batteries for portability.

OPTICAL MULTIMETER ALL IN 1 PROSKIT MT-7625

Applications:

- **Installation and Maintenance:** Used to test and verify fiber optic links during installation or maintenance.
- **Troubleshooting:** Helps identify faults, breaks, or signal loss in fiber optic networks.
- **Network Testing:** Measures optical power levels and ensures proper signal transmission.

Advantages:

- Combines multiple tools (power meter, VFL, light source, fiber identifier) into one device, reducing the need for separate instruments.
- Saves time and improves efficiency for technicians.

Considerations:

- Ensure the device supports the specific wavelengths and power ranges required for your applications.
- Regular calibration may be necessary to maintain accuracy.

