

Deviser Optical Power Meter

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Variants

EP710B

Details

Product Description:

The **Deviser EP710B Optical Power Meter** is a versatile, all-in-one handheld device designed for professionals working with fiber optic networks. Combining an optical power meter, light source, and visual fault locator (VFL), it's ideal for tasks such as installation, maintenance, and troubleshooting in CATV, FTTx, and PON systems.

Key Features:

- **Measurement Range:** -50 to +26 dBm
- **Accuracy:** ± 0.17 dB ($\pm 3\%$)
- **Resolution:** 0.01 dBm; readings available in dBm, mW, μ W, nW

- **Calibrated Wavelengths:** 850, 980, 1300, 1310, 1490, 1550, 1610, 1625, 1650 nm
- **Auto Wavelength Detection:** 850, 1310, 1490, 1550, 1610 nm
- **Tone Detection:** 270 Hz, 1 kHz, 2 kHz
- **Connectors:** FC/SC (default); ST/LC (optional)
- **Visual Fault Locator (VFL):** 1 mW output for quick fault identification
- **Power Supply:** 2x AA batteries or AC 100–240V input with DC 5V adapter
- **Battery Life:** >100 hours (power meter), >40 hours (light source), >10 hours (VFL)
- **Operating Temperature:** -10°C to +60°C
- **Dimensions:** 185 mm x 85 mm x 45 mm
- **Weight:** 300 g (without batteries)

This compact and durable device ensures accurate measurements and efficient fault detection, making it an essential tool for fiber optic

technicians.