

## PMX10A 10 GHz Multi-mode Photodiode Module



The PMX10A module is a self-contained, ready-to-use, 10 GHz multi-mode photodiode module for direct optical-to-electrical conversion of RF-modulated optical signals. The module is LiPo battery powered and USB-C chargeable with a conventional 5V phone charger.

The optical input is supplied through a multi-mode 50/125  $\mu\text{m}$  fiber FC/PC connector. The RF output of the device is provided through a K-connector.

The photodiode inside the module is a high-performance Albis p-i-n photodiode, designed to operate in the wavelength range from 800 nm to 870 nm.

### Features

- Self-contained, ready-to-use photodiode module
- LiPo battery powered, USB-C chargeable
- Minimum Bandwidth: 10 GHz
- High responsivity: 0.6 A/W
- FC/PC or FC/APC multi-mode fiber connector
- DC coupled K-connector output
- Dimensions: 55 mm x 28 mm x 64 mm