Call Us: +41 44 552 53 00
Moosstrasse 2a, 8803 Rueschlikon,
Switzerland

PQW20B-L
20 GHz High Power Photodiode Module

PQW20B-L is a high power microwave photodiode module designed for direct optical-to-electrical conversion of RF-modulated optical signals up to 20 GHz. The photodiode inside this module is a high power, high linearity Albis photodiode chip, designed to operate in the wavelength region from 1260 to 1620 nm. It offers a typical bandwidth of 22 GHz for photocurrents up to 50 mA, a responsivity of 0.8 A/W and high linearity of up to 50 mA average photocurrent.

The optical input is supplied through a single-mode 9/125 mm fiber pigtail. The bias voltage is supplied by DC pins through an internal bias-tee. The RF K-connector output is DC coupled and RF matched to 50 Ω.

Features

- Hermetically sealed high speed package
- Typical bandwidth: 20 GHz
- High operating photocurrent: 50 mA
- High optical input power: +20 dBm
- Typical responsivity: 0.8 A/W
- Low operating bias: 5 V