

Photodetectors



CATV PIN ROSA

- 1310 and 1550nm

Features

- High linearity, typical CSO at -75dBc and CTB at -85 dBc
- Low capacitance, 0.6Pf
- Frequency response $>2\text{GHz}$
- High responsivity at 1310nm and 1550nm
- Compliant with 0,9 mm fiber G652 standard
- 100cm pigtailed FC/APC connector

Applications

- CATV

[Data sheet](#)

Manufacturer: Transwan

Product Code: CR71-

Product SKU: 53839000000927265

Product SKU: Photodiode, PIN, C band, 2GHz min, 1m, 900um, no connectors

Tap Photo Detector



- 1520~1610nm

Features

- Broadband
- Low insertion loss

Applications

- Network monitoring
- Power management

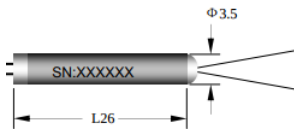
[Data sheet](#)

Manufacturer: Optosun

Product Code: TAPD

Product SKU: 53839000005268083

Product SKU: Photodiode, 1520~1610nm



Tap Photodiode Monitor

- 1310, 1550 or 1310/1550nm

Features

- Low insertion loss
- Compact size
- Integrated device
- Customised tap ratio available

Applications

- Gain monitoring in erbium doped amplifiers (EDFAs)
- Optical networking switch protection
- Monitoring

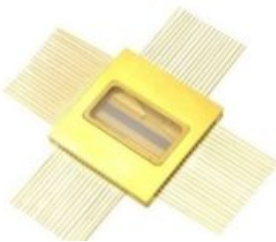
Data sheet

Manufacturer: Optosun

Product Code: TPM

Product SKU: 53839000005268093

Product SKU: Optical Tap, monitor



Mid-Wave Infra-Red Detectors

Agiltron is a leading producer of infrared detector products in the 1 to 5.5 micron wavelength region. It is perfecting the proprietary technologies of fabricating lead salt detectors accumulated well over twenty years. Lead salt detectors operate in photoconductive mode that become less resistant upon infrared radiation. They absorb energy selectively in the infrared bands of 1-3 μ m (PbS) and 3-5 μ m (PbSe), respectively. They are either operated at room temperature or thermoelectrically cooled, and can be equipped with integrated optical filters, pre-amplifiers or multiplexed amplifiers for arrays. Typical applications include moisture measurement, gas sensing, and chemical analysis. All packages are 100% tested and available for immediate delivery. We offer standard and customised lead selenide (PbSe) and lead sulphide (PbS) infrared detectors and infrared arrays. These detectors are manufactured in accordance with ISO quality control standard.

Pigtailed InGaAs PIN Photodiode

Features



- Small dark current
- High reliability

Applications

- RF signal receive

[Data sheet](#)

Manufacturer: Yisinc

Product Code: YSCPD-P

Product SKU: 53839000006662172

Product SKU: Photodiode, InGaAs, PIN, 1375±275nm, pigtailed