High Input Optical Power Series Optical Receiver Assembly (PIN-FET)

Detectors

The receiver converts relatively high optical input levels into an electrical signal. Compare the responsivity and saturation limits for the same receiver option.



Technical specifications

Linear responsivity specifications	09 / 04 / 03 / 02 / 01
Linear responsivity (V/W)	0.09 / 0.04 / 0.03 / 0.02 / 0.01
Minimum optical power in linear range (µW)	≤0.2 / ≤0.4 / ≤0.9 / ≤1 / ≤2
Linear saturation optical power (µW)	≥32 / ≥64 / ≥140 / ≥160 / ≥320
Linearity (%)	±3
Transimpedance (kΩ)	100 / 50 / 30 / 20 / 10