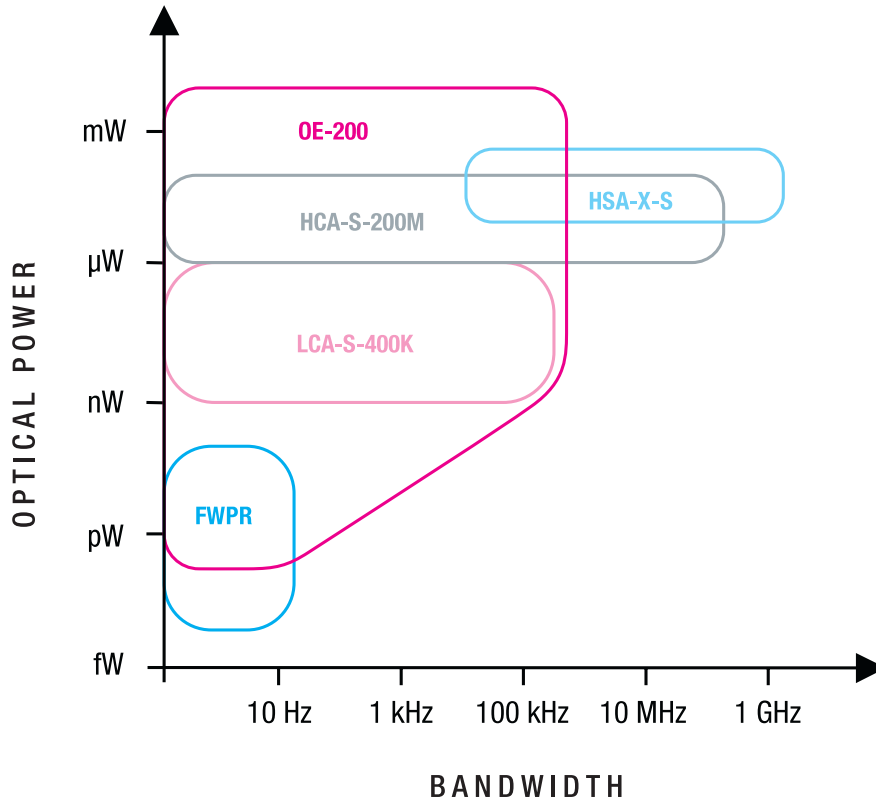


PHOTORECEIVERS

Selection Guide ■ Photoreceivers



| Model | Spectral Range | Calibration Wavelength | Bandwidth (-3 dB) | Min. Rise Time (10% - 90%) | Max. Conversion Gain | Min. NEP |
|----------------|-----------------|------------------------|--------------------|----------------------------|--------------------------|------------|
| FWPR-20-SI | 320 ... 1100 nm | - | DC ... 20 Hz | 18 ms | 0.6×10^{12} V/W | 0.7 fW/√Hz |
| FWPR-20-IN | 900 ... 1700 nm | - | DC ... 20 Hz | 18 ms | 9.5×10^{10} V/W | 7.5 fW/√Hz |
| LCA-S-400K-SI | 400 ... 1100 nm | - | DC ... 400 kHz | 1 μs | 6.2×10^8 V/W | 130 fW/√Hz |
| LCA-S-400K-IN | 900 ... 1700 nm | - | DC ... 400 kHz | 1 μs | 9.5×10^8 V/W | 75 fW/√Hz |
| OE-200-SI | 320 ... 1060 nm | 830 nm | DC ... 500 kHz | 700 ns | 1.0×10^{11} V/W | 10 fW/√Hz |
| OE-200-UV | 190 ... 1000 nm | 830 nm | DC ... 500 kHz | 700 ns | 1.0×10^{11} V/W | 17 fW/√Hz |
| OE-200-IN1 | 900 ... 1700 nm | 1300 nm | DC ... 500 kHz | 700 ns | 1.0×10^{11} V/W | 11 fW/√Hz |
| OE-200-IN2 | 900 ... 1700 nm | 1550 nm | DC ... 500 kHz | 700 ns | 1.0×10^{11} V/W | 10 fW/√Hz |
| HCA-S-200M-SI | 320 ... 1000 nm | - | DC ... 200 MHz | 1.8 ns | 1.1×10^4 V/W | 12 pW/√Hz |
| HCA-S-200M-IN | 900 ... 1700 nm | - | DC ... 200 MHz | 1.8 ns | 2.0×10^4 V/W | 6 pW/√Hz |
| HSA-X-S-1G4-SI | 320 ... 1000 nm | - | 10 kHz ... 1.4 GHz | 250 ps | 2.5×10^3 V/W | 26 pW/√Hz |
| HSA-X-S-2G-IN | 850 ... 1700 nm | - | 10 kHz ... 2 GHz | 180 ps | 4.8×10^3 V/W | 14 pW/√Hz |