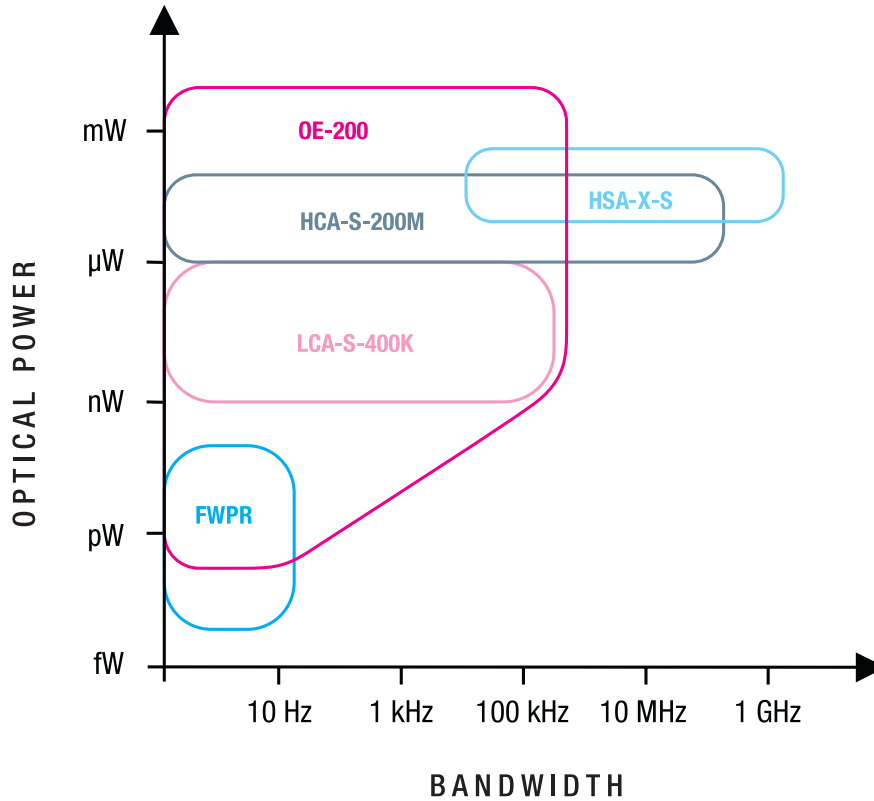




# PHOTORECEIVERS

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	$0.6 \times 10^{12}$ V/W	0.7 fW/√Hz
FWPR-20-IN	900 ... 1700 nm	-	DC ... 20 Hz	18 ms	$9.5 \times 10^{10}$ V/W	7.5 fW/√Hz
LCA-S-400K-SI	400 ... 1100 nm	-	DC ... 400 kHz	1 μs	$6.2 \times 10^6$ V/W	130 fW/√Hz
LCA-S-400K-IN	900 ... 1700 nm	-	DC ... 400 kHz	1 μs	$9.5 \times 10^6$ V/W	75 fW/√Hz
OE-200-SI	320 ... 1060 nm	830 nm	DC ... 500 kHz	700 ns	$1.0 \times 10^{11}$ V/W	10 fW/√Hz
OE-200-UV	190 ... 1000 nm	830 nm	DC ... 500 kHz	700 ns	$1.0 \times 10^{11}$ V/W	17 fW/√Hz
OE-200-IN1	900 ... 1700 nm	1300 nm	DC ... 500 kHz	700 ns	$1.0 \times 10^{11}$ V/W	11 fW/√Hz
OE-200-IN2	900 ... 1700 nm	1550 nm	DC ... 500 kHz	700 ns	$1.0 \times 10^{11}$ V/W	10 fW/√Hz
HCA-S-200M-SI	320 ... 1000 nm	-	DC ... 200 MHz	1.8 ns	$1.1 \times 10^4$ V/W	12 pW/√Hz
HCA-S-200M-IN	900 ... 1700 nm	-	DC ... 200 MHz	1.8 ns	$2.0 \times 10^4$ V/W	6 pW/√Hz
HSA-X-S-1G4-SI	320 ... 1000 nm	-	10 kHz ... 1.4 GHz	250 ps	$2.5 \times 10^3$ V/W	26 pW/√Hz
HSA-X-S-2G-IN	850 ... 1700 nm	-	10 kHz ... 2 GHz	180 ps	$4.8 \times 10^3$ V/W	14 pW/√Hz