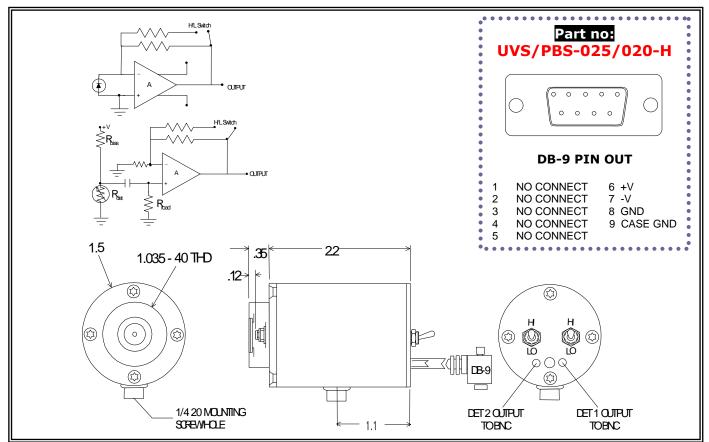


Receiver Modules

2 - COLOR PHOTODETECTOR / RECEIVER



SPECIFICATIONS		
Detector Type	2.5 mm dia UV Si Photodiode / 2 x 2 mm PbS Photoconductor	
Operating Temperature - °C	22	
Operating Wavelength - μm	0.2 - 1.0	1.0 - 2.6
Responsivity - V/W @	0.6 x 10 ⁸ / 0.6 x 10 ⁷	5 x 10 ⁶ / 10 ⁵
Noise - V/Hz ^{1/2} @	1.2 x 10 ⁻⁶ / 1.2 x 10 ⁻⁷	15 x 10 ⁻⁶ / 10 ⁻⁷
NEP - W/Hz ^{1/2} @	2 x 10 ⁻¹⁴	3 x 10 ⁻¹²
Bandwidth (-3dB) - Hz	DC – 2k	5 – 500
Power Requirements	+/- 9 VDC to +/- 15 VDC	
Connections	Two shielded signal cables terminated with a BNC. Shielded power cable terminated with a DB-9 connector directly couples the unit with the PS-1 Low Noise Power Supply.	