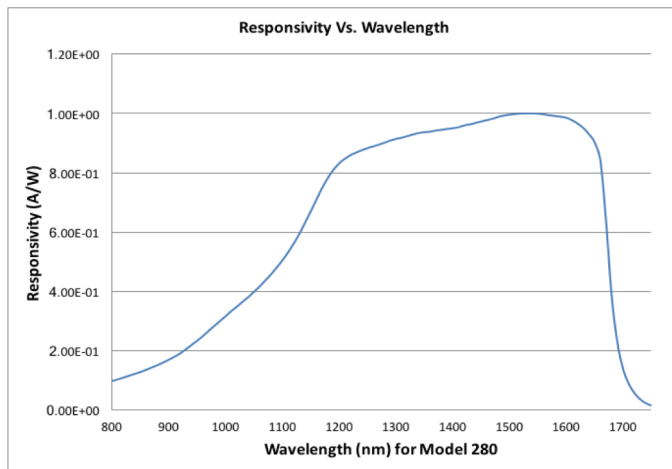


UDT Model 280 InGaAs Radiometric Sensor



The model 280 radiometric sensor is our miniature series Indium-Gallium-Arsenide sensor, particularly suited for measurements at 1550 nm. It can be adapted for use with Miniature Series integrating spheres and other accessories.

Our wide range of optical power meters, photometric and radiometric sensors is complemented by ISO/IEC 17025 accreditation by NVLAP (NVLAP lab code 200823-0), resulting in unmatched performance and custom configuration as required.



Key Specifications

Part No. U23-01-258

Key Features	Dynamic range from -8.5 to +3.5 dBm. Very low noise.
Detector Information	InGaAs 3 mm ² active area
Rise Time	100 nsec
Dynamic Range	1.4 x 10 ⁻⁴ to 2.2 x 10 ⁻³ W
Typical Response	9.5 x 10 ⁻¹ A/W @ 1550 nm
Calibration Range	800 to 1750 nm in 10 nm steps
Cable	2 meter, included

Compatible with the UDT Handheld and Benchtop series Optical Meters and Integrating Spheres (with 1718 adaptor).

