

UDT Model 271 Germanium Radiometric Sensor



The model 271 radiometric sensor incorporates a Germanium detector and can be combined with a wide range of accessories including optical filters, diffusers, integrating spheres and spacers.

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. U68399

Key Features	Includes a Sapphire window with antireflective coating
Detector Information	Germanium 1.0 cm ² active area
Rise Time	11 μ sec
Dynamic Range	5.0 x 10 ⁻¹⁰ to 6.0 x 10 ⁻³ W
Typical Response	6.5 x 10 ⁻¹ A/W @ 1300 nm 7.5 x 10 ⁻¹ A/W @ 1550 nm
Calibration Range	800 to 1750 nm in 10 nm steps
Cable	2 meter BNC, included

Compatible with the UDT Handheld and Benchtop series Optical Meters and Integrating Spheres.

