

Fiber Coupling Adapter



Fiber Coupling Adapter

Stock #26-741 **2 In Stock**

1 €509.⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	€509,00 each
Need More?	Request Quote

! Prices shown are exclusive of VAT/local taxes

Product Downloads

Hardware & Interface Connectivity

SMA **Connector:**

Regulatory Compliance

[View](#) **Certificate of Conformance:**

Product Details

- Two Color Si-InGaAs Chip for 320 – 1700nm Wavelength Range
- Embedded 24-Bit Analog-to-Digital Converter
- Digital USB Connection and Two Analog BNC Connections

NIREOS SPIDER High-Dynamic Range VIS-SWIR Photodetector is a broadband, amplified Si-InGaAs photodetector that allows for analog or digital connection and enables rapid development of high-performance sensing and spectroscopy solutions suitable in industrial, laboratory, and research environments. Featuring a two-color Si and InGaAs chip, this photodetector allows straightforward beam alignment and achieves a wide spectral response ranging from 320 - 1700nm. With an embedded 24-bit analog-to-digital converter (ADC), the Si and InGaAs analog outputs are simultaneously digitized with adjustable sampling rates from 0.5 to 120kSPS via USB connection. NIREOS SPIDER High-Dynamic Range VIS-SWIR Photodetector's Si and InGaAs channels are both independently amplified with analog bandwidths up to 56kHz, picowatt sensitivity, and 8 switchable transimpedance gain options ranging from 1.5k Ω to 4.4M Ω . This photodetector comes with a user friendly, plug-and-play software for ease of setup, and features DLLs allowing for programming using .NET based languages such as C++, C#, LabView, Python, and MATLAB.

Technical Information

