

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

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- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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INGAAS 125-MHZ PHOTORECEIVER MODEL 1811-FC

The near-IR Model 1811 offers a well-balanced combination of gain, bandwidth, and low noise over the DC-125-MHz frequency range. Because of their high transimpedance gain and low noise-equivalent power (NEP), they offer the best in sensitivity for signals with rise and fall times as short as 3 ns. This high sensitivity, combined with their high-level output, reduces the effects of downstream noise sources. Wavelength range for the Model 1811 is 900-1700 nm.

Price (domestic & e-commerce): **$1,025.00**
For international orders (excluding e-commerce), please add 10%
Availability: This item is typically available.

Model Options

None Selected
AC Coupled, add $200.00
AC Coupled Metric Version, add $200.00
Metric Version, add $0.00

SPECIFICATIONS | TECHNICAL DRAWINGS | ADDITIONAL INFORMATION | RELATED PRODUCTS

Wavelength Range	900-1700 nm
3-dB Bandwidth (DC versions)	125 Mhz
3-dB Bandwidth (AC versions)	25 kHz-125 MHz
Rise Time	3 ns
Maximum Conversion Gain	$4x10^4$ V/W
Typical Maximum Responsivity	1.0 A/W @ 1550 nm
Transimpedance Gain	$4x10^4$ V/A
Output Impedance	50 Ω
Minimum NEP	2.5 pW/$\sqrt{Hz}$
cw Saturation Power	55 µW @ 1550 nm
Maximum Pulse Power	5 mW
Detector Material/Type	InGaAs/PIN
Detector Diameter	0.1 mm
Power Requirements	±15 V DC, <250 mA
Optical Input	FC
Electrical Output	SMA

For more information call 1-866-NUFOCUS (international customers, dial + 1-408-919-1500).

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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