

ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

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.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Newport / New Focus 0921* at our website: *Click HERE*

New Focus™



SI 125-MHZ PHOTORECEIVER MODEL 1801-FC

The visible Model 1801 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 1801 is 320-1000 nm.

Model Options

None Selected
AC Coupled
AC Coupled Metric Version
Metric Version

SPECIFICATIONS | TECHNICAL DRAWINGS | ADDITIONAL INFORMATION | RELATED PRODUCTS

Wavelength Range	320-1000 nm
3-dB Bandwidth (DC versions)	125 Mhz
3-dB Bandwidth (AC versions)	25 kHz-125 MHz
Rise Time	3 ns
Maximum Conversion Gain	$2x10^4$ V/W
Typical Maximum Responsivity	0.5 A/W @ 800 nm
Transimpedance Gain	$4x10^4$ V/A
Output Impedance	50 Ω
Minimum NEP	3.3 pW/$\sqrt{Hz}$
cw Saturation Power	110 µW @ 800 nm
Maximum Pulse Power	10 mW
Detector Material/Type	Si/PIN
Detector Diameter	0.4 mm
Power Requirements	±15 V DC, <250 mA
Optical Input	FC
Electrical Output	SMA
DC-Bias-Monitor BW (AC Version only)	N/A
DC-Bias-Monitor Transimpedance Gain (AC Version only)	N/A

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

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

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

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP