Syropy AI Connectivity

Andor Dual-Fiber Optic Module

Andor Dual-Fiber Optic Module

Modular Micro-spectroscopy Solutions

A Fibre optic coupling - interfacing to microscope upright & side port A, FC or Ø11 mm ferrule interfaces. F/# matchers allow maximum collection from NA=0.22 fibre optics assemb Andor fibre couplers

SWIR Cameras for Physical Science & Astronomy

Andor's SWIR cameras, provide superb sensitivity and speed performance across the Short-Wave Infra-Red wavelength domain.

Kymera 328i Spectrograph

Dual detector outputs - Extended wavelength coverage when combining Andor UV-NIR CCD, EMCCD, ICCD and InGaAs cameras. Slit option for monochromator

Page 32 Fibre optics solu

Spectroscopy Brochure - Andor Technology

Cameras for fiber-coupled scintillators Oxford Instruments Andor

Direct bonding of a fiber optic plate to the CCD or sCMOS sensor facilitates a compact optical geometry with minimum loss of light. Depending on the experimental requirements regarding field of view,

Scientific CMOS

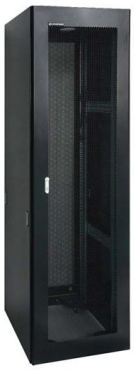
Scientific CMOS can be considered unique in its ability to simultaneously deliver on many key performance parameters, overcoming the 'mutual exclusivity' associated with current scientific

Andor Technology

In November 2021, it introduced BC43, a compact benchtop confocal microscope. The microscope is designed to be simple to use and is based around a Spinning

Andor iKon-L HF

Andor's iKon-L HF outstanding design is built for scientific imaging! The outstanding design brings together the key elements in a single optimized format; the highest QE (95%) Back-illuminated

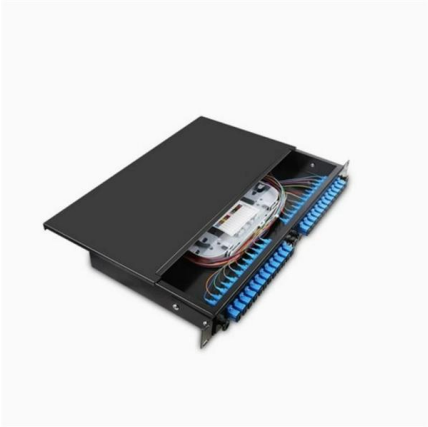


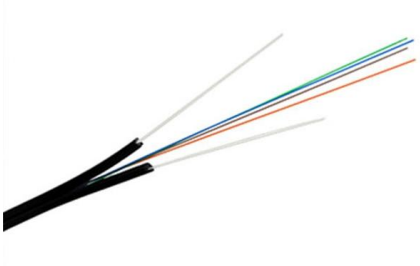
High Energy Detection

Direct connection to scintillators, streak tubes or open-Micro Channel Plates (MCPs) with maximum throughput performance. A fiber-optic can be used to couple the scintillator to the camera.

Zyla 5.5 HF fibre-optic coupled sCMOS

This latest addition to the Zyla family builds on the market-leading performance of Andor's sCMOS family, offering an unparalleled combination of high resolution 5.5 megapixel array with 6.5 µm pixel,





Zyla-HF

Zyla Fibre Optic sCMOS- X-Ray Imaging at 100 fps Andor's Zyla-HF outstanding design delivers the highest transmission and spatial resolution performance associated with state-of-the-art single fibre

Which Optical Module Should You Choose: Single-Fiber or Dual

When designing or upgrading a fiber network, one key decision is whether to use dual-fiber or single-fiber (BiDi) optical modules. Both have their own characteristics and are suited to

The Difference Between Single/Dual Fiber and

As fiber optic networks continue to evolve, selecting the right optical transceiver becomes increasingly important. Whether you're designing a short

iStar sCMOS

The innovative USB 3.0 iStar sCMOS boasts frame rates at least 50% faster than competing CCD or interline platforms (at equivalent pixel matrix size), while

Flexible configuration

Integrated Laser Engine (ILE) is a third generation multi-line laser source d between two and eight laser lines via one, two or three optical fibre outputs. The ILE benefits from more than 10 years global field

iStar 712 Series Time-Resolved ICCD

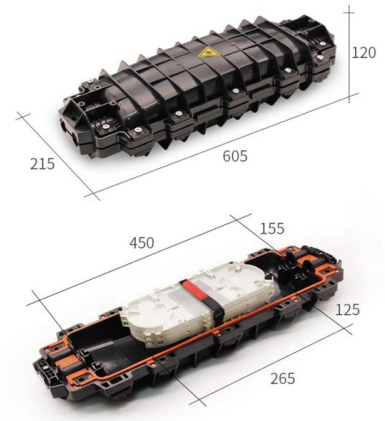
Ensures access to the accurate optical shuttering performance of the photocathode

High Energy Imaging iKon-L HF Fibre Optic Indirect Detection

Features and Benefits Soft Dock Feature Unique spring-loaded Fibre optic design allows the camera to be mounted safely and securely against fragile instrumentation Fibre optic plate o1 Single bonded

Andor Technology, plc

The Shamrock family is Andor's versatile spectrograph platform, with USB connectivity and seamless configuration with a wide range of accessories,



Andor Technology , Electro Optics

Zyla and iStar ultrafast spectroscopy modes Dragonfly Imaging Platform and Fusion Software iVac 316 detector iKon-L HF fibre optic camera EX2 technology iXon Ultra EMCCD camera Neo

Zyla-HF sCMOS

Andor's Zyla 5.5 HF outstanding design delivers the highest transmission and spatial resolution performance associated with state-of-the-art single fiber optic plate

Cameras for fiber-coupled scintillators Oxford Instruments Andor

For harder high-energy photons or particles from about 10 keV to 100 keV, cameras with indirect detection methods are preferred. Indirect detection employs scintillators and phosphor screens to

High Energy Imaging iKon-L HF Fibre Optic Indirect Detection

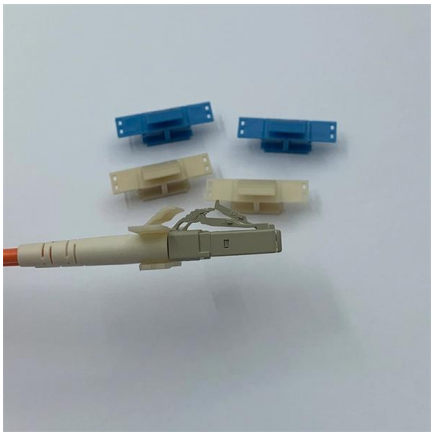
Fibre Optic Plate is on a spring loaded design. If required to move, can apply approx 253 N to move FOP 1 mm max towards camera. Protective cap MEC-04028 not shown Camera is susceptible to

Andor ILE Specifications

Andor ILE Specifications The Andor Integrated Laser Engine (ILE) is a third generation multi-line laser source delivering between two and eight laser lines via one, two or three optical fibre

Andor Launches Fibre-Optic Scmos For Superfast High-Energy

Belfast, Northern Ireland, 26th June, 2014 Andor Technology Ltd., an Oxford Instruments company and world leader in scientific imaging and spectroscopy solutions, today announced the



Overview of Andor Modular Solutions for

This example demonstrates how an optical fiber can be coupled to the top port of a microscope. The fiber collects the sample signal and delivers it into the

Andor HoloSpec imaging spectrograph

The Andor HoloSpec is the ideal solution for collecting more light and achieving better signal-to-noise ratio faster, which is critical for applications such as micro-Raman mapping, microfluidics, real-time

Andor High Power Mosaic Lasers - SSL-HP Series

Tabl 1 Combined Performance Specification of the SSL-HP Series Lasers used with Mosaic High quality components provide superior optical performance, and the

Contact Us

For datasheets, pricing, or custom high-speed optical interconnect solutions, please visit:
https://syropy.com.pl