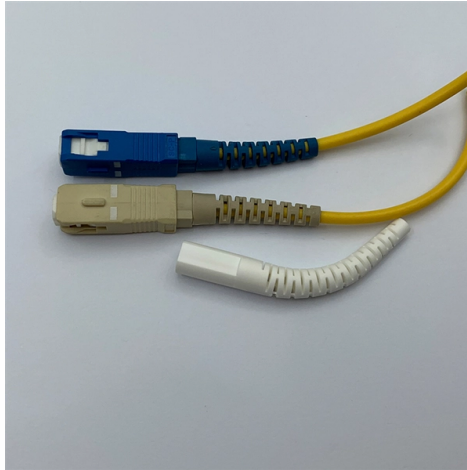


## **Ukrainian Low-Frequency Optical Emission Module Manufacturer**



### **Overview**

In a significant stride towards bolstering its defense capabilities, Ukraine has successfully developed and tested the “Silkworm” fiber optic modules, designed for seamless integration into various types of drones – aerial, land, and maritime. WARMAX TECHNOLOGIES is a Ukrainian defense-tech manufacturer of electronic warfare, combat UAVs and C2 systems that integrates fiber optic control, digital communication and signal amplifiers for unmanned vehicles. Development and production of products adapted to the unique. TechEx is the first fiber-optic drone manufacturer in Ukraine, codified according to NATO standards. We create solutions for operators, with effectiveness proven on the battlefield. The tank also includes an air-conditioned crew. FT Systems flight controllers and speed controllers are proprietary designs developed by our engineers for maximum reliability, performance, and easy setup. This indigenous innovation signals a major leap in.



## Article Content

### Ukraine Develops SlimBeam Compact Laser Turret

Ukrainian defense tech firm Fulltime Robotics has unveiled a compact laser weapon system dubbed SlimBeam, featuring a 1.5 kW laser

### Ukraine's Working to Beat Russia's Unjammable Fiber

Fiber-optic drones are highly dangerous, as they can't be jammed with traditional electronic warfare and are difficult to detect.

### Optics in Ukraine: Glorious Past, Uncertain Future

Perhaps every optics research lab has at least one helium-neon laser—a familiar device, and one of the lasers used in manufacturing the electronic and photonic

### MONITORING THE ARTIFICIAL SPACE OBJECTS

Ukrainian network of optical stations UMOS was established in 2011 to study and control near-Earth space objects. The paper describes the structure,

### Ukrainian Manufacturer of Electronics for Unmanned Systems | FT

FT Systems is a Ukrainian engineering company with in-house R&D and a full-cycle development of electronics for unmanned systems. We control every stage — from design to serial production —

### 10 Ukrainian drone makers to watch

10 Ukrainian drone makers to watch The Kyiv Independent runs down ten drone makers who have defined Ukraine's unmanned air defense since

### Ukrainian Drones Use Vermeer Optical Navigation System

The American company Vermeer is integrating its optical navigation systems into Ukrainian strike and reconnaissance drones. This was announced at the Defense Innovation Forum

### Fiber-Optic Coils 20 km

3DTech is a Ukrainian manufacturer of next-generation high-precision FPV drones featuring fiber-optic control, electronic warfare protection, and adaptation to

### SFP Module Transceivers, Manufacturer & Supplier

YXFiber is China manufacturer & supplier who mainly produces SFP Module, SFP Transceivers, with years of experience. Hope to build business relationship with you.

### Ukrainian startup develops lightweight drone-killer laser

Ukrainian company Fulltime Robotics has presented a working prototype of its new anti-drone laser system, dubbed SlimBeam, designed

Laser Modules

FLEXPOINT laser modules are produced in-house. The laser modules can be assembled according to the customer's specifications. Machine vision lasers are

Microsoft Word

UKRAINIAN SPT-20 HALL EFFECT THRUSTER: ANALYSIS OF THE PLUME BY OPTICAL EMISSION SPECTROSCOPY IEPC-2007- 361 Presented at the 30th International Electric Propulsion

Ukrainian military manufacturer Himera Radios is entering the ...

The Ukrainian military radio manufacturer Himera Radios has entered the global market, as announced in a Facebook post. Reticulate Micro, an American defense technology company, has

Module-Ukraine — Information about Ukrainian iron and

Module-Ukraine LLC specializes in production of hot-dip galvanized coil, including pre-painted hot-dip galvanized, rolled steel products and corrugated steel sheets.

Ukraine's Fulltime Robotics Unveils "Slim Beam" Laser

The Ukrainian company Fulltime Robotics has developed the "Slim Beam" compact laser turret, designed for dual-use military and civilian tasks, it

Ukrainian manufacturer of unmanned aerial vehicles (systems)

Ukrainian manufacturer of unmanned aerial vehicles (systems), various modifications. Production is based on thorough research and quality development, which in turn is possible through

How new drones are sneaking past jammers on

Unlike mainstream drones, of which Ukraine produced 2.2m last year, fibre-optic ones are controlled by a fishing-line-style filament redolent of the wire

Laser Diode Modules – diode laser, beam shaping,

Laser diode modules are modules containing diode lasers, and possibly also some optics, cooling devices, electrical elements, etc.

10 companies in the optical transceiver industry chain 2024

The rapid development of AIGC has promoted the demand for 800G optical modules, and the entire industrial chain involving optical components,

Optical emission spectrometer, OES spectrometer

Find your optical emission spectrometer easily amongst the 47 products from the leading brands (Bruker, Hitachi, PerkinElmer, ...) on DirectIndustry, the industry

These budget optics are becoming combat proven in

However, the technology to manufacture optics is getting cheaper and, combined with overseas labor, companies are able to pass these savings on

## STE BRIEF CATALOGUE

A major Ukrainian state-owned foreign trade enterprise, which specializes in export and import of military and dual-use products and services globally, as well as on promoting innovations, military-technical

### Ukraine Builds AI Drone Fleets to Combat Russian Forces

Swarms of AI-powered war drones are being developed in Ukraine to strike Russian targets and evade signal-jamming attacks.

### Ukraine Pioneers Independent Drone Technology with

In a significant stride towards bolstering its defense capabilities, Ukraine has successfully developed and tested the "Silkworm" fiber optic

### Ukraine Tests Long-Range FPV Drones with Fiber Optic Control

These modules come in two variants: one with an integrated warhead and another with a built-in battery. FPV drones equipped with Silkworm modules maintain maneuverability and can

## Contact Us

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