

Products

CODE	DESCRIPTION
ELECTRONIC LOCK	
ALM-6816	Pocket Module for POF with torsion, 200 mt, 1 Loop, 12Vcc
ALM-6818	Pocket GSM Module for POF, length 200 mt, 1 Loop, 12Vcc
ALM-6819	Pocket GSM Module for POF, length 200 mt, 1 Loop, 220V., with 1,7A feeder
VIDEO CONVERTERS OVER FOP	
FVX-150K	Kit (TX+RX) POF vide converter, up to 150 meters
FVX-300K	Kit (TX+RX) POF vide converter, up to 300 meters
FVX-600P	Video Signal Repeater to transmit the signal in plastic optical Fibre up to 500 meters
FVX-300T	Video trasmitter POF, up to 150/300 meters
FVX-150R	Video receiver POF, up to 150 meters
FVX-300R	Video receiver POF, up to 300 meters
PLASTIC OPTICAL FIBER	
FCX-6008/1	Plastic Optical Fibre, spool 100 meters
FCX-6008/2	Plastic Optical Fibre, spool 200 meters
FCX-6008/3	Plastic Optical Fibre, spool 300 meters
FCX-6008/5	Plastic Optical Fibre, spool 500 meters
FCX-6008/10	Plastic Optical Fibre, spool 1000 meters
FCX-607R/5	Plastic Optical Fibre with steel, anti-rodent, spool 500 meters

MARSS manufactures and distributes **security systems, video surveillance, home&building automation, access control and networking solutions**

In an evolving market, as that of security, all along MARSS provides innovative and unique solutions for technology and applications, some of which **protected by patent.**

MARSS operates in Italy and abroad through a network of partners of the security sector, and counts, among its customers, national and international companies, in the various market sectors.

Our **key strength**, acknowledged by the market, is our expertise in the **Research&Development** of solutions able to deliver quality, convenience and innovation.

Our brands:

Solar Defender
THE ANTI-THEFT SYSTEM FOR PHOTOVOLTAIC PANELS

IP Controller
system

Fiber™
Plastic Optical Fiber Solutions



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Security solutions
 over Plastic Optical Fibre

DVT106AF1014

M-Fiber Plastic Optical Fiber

It is a cable that uses polymethylmethacrylate (PMMA) as the core material, that allows the transmission of light. It has unique qualities in terms of:

- Data transfer speed
- **Easiness** and times for termination: less than 10 seconds with the use of common tools.
- **Sizes**: with a small diameter of 2,2 mm, it can be installed also into the blocked pipes.
- **Immunity** to noises and electromagnetic interferences.
- **Toughness**: tolerates bending radius smaller than 2 cm; works with temperatures between -40°C $+80^{\circ}\text{C}$; supports a million cycles of flexion to 360° .
- **Galvanic isolation**: it can be placed in environments where there are fumes, flammable material or explosive substances, without dedicated ducts or cables to be provided.
- **Long-life**: more than 20 years.

For its quality, the M-Fiber allows to implement **innovative security solutions**, "user-friendly" type (easy and quick to install, flexible), also in presence of architectural, structural and environmental limits, dedicated to specific needs and that can ensure a high immunity to false alarms.

ELECTRONIC LOCK: protection in and out home

It works like a lock that closes a chain represented by the Plastic Optical Fiber cable, M-Fiber model. The fiber is "stitched" between the goods to be protected, so that when it is interrupted (by cut, torsion, opening), it generates a warning that the concentrator module, series ALM, detects and manages according to the operating mode selected by the user.

The M-Fiber fibre's features make the ELECTRONIC LOCK, by MARSS, immune to any kind of interferences and to any environmental conditions, and make it the ideal solution for protecting any type of property, in and out house.

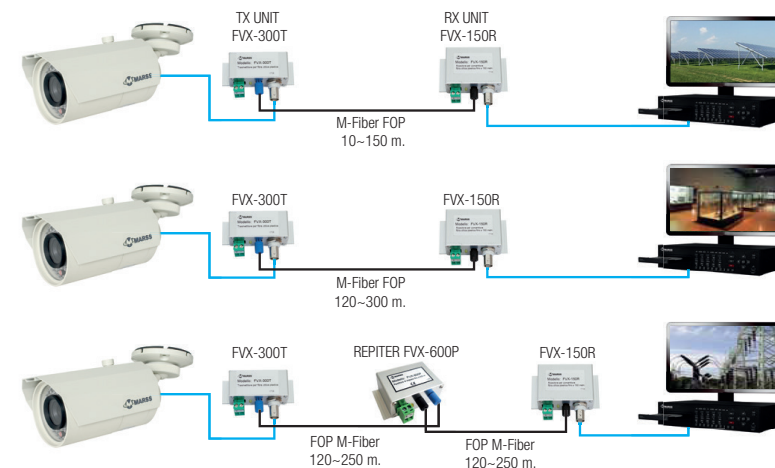
TYPICAL APPLICATIONS: CONSTRUCTION SITES, PORTS, DEPOTS AND WAREHOUSE, FACILITIES WHERE THERE ARE, ELECTRICAL CABLES PHOTOVOLTAIC FIELDS



VIDEO CONVERTERS

Innovative Video Transmission system over Plastic Optical Fiber. It consists of a transmitter unit (TX) that can be interfaced with any analog camera, and a receiver unit (RX), to display the image of any monitors, PCs, DVR, etc. . . The color image (PAL / NTSC standards) captured by the camera through the TX unit, is sent, via fiber, to the RX unit.

Guarantee: total RFI immunity; no electromagnetic radiation; resistance to moisture, oxidation and corrosion; high quality in transmission; compatibility with any analog camera and monitor.



They solve all the problems associated with conventional video cables: distance of the video signal, poor image quality and "jerky images" due to the RF noises, difficulty in laying the cable in undersized ducts, coexistence with other cables, etc. . .

The M-Fiber Video Converters are the ideal solution for CCTV installations in open or closed place and solve any problem with installation and proper operation of the CCTV system, in critical environmental and structural conditions.

TYPICAL APPLICATIONS: PHOTOVOLTAIC FIELDS, POWER PLANTS, MUSEUMS, HISTORICAL BUILDINGS