

# Israeli Air-blown Optical Cable Installation Manufacturer



## AI Overview

EPFU and MER Group are among the notable Israeli providers of air-blown optical cable solutions, offering high-performance, lightweight, and flexible fiber deployment systems. Key Manufacturers and Solutions EPFU (Enhanced Performance Fiber Units) specializes in micro air-blown fiber optic cables designed for installation into pre-deployed microducts using compressed air or gas. Their products are lightweight, durable, and optimized for long-distance, high-speed blowing, making them ideal for FTTH (Fiber-to-the-Home), data centers, and last-mile connectivity projects. EPFU cables are engineered to prevent fiber breakage and sheath damage, ensuring reliable and cost-efficient deployment. MER Group has decades of experience in manufacturing, installation, and maintenance of communication infrastructure, including fiber optic technology. They provide turnkey solutions for internet service providers and have installed numerous fiber networks across Israel. While their focus is broader than just air-blown cables, their expertise in fiber optics and infrastructure deployment makes them a key player in the Israeli market. Fiber Ocean offers air-blown micro cables with features such as high-density polyethylene outer sheaths for increased blowing distance, structural optimization for maximum fiber capacity, and dry-type cable cores for water blocking and environmental protection. Their cables are lightweight, flexible, and designed for repeatable deployment, providing a cost advantage over traditional indoor optical fiber cabling. Other notable Israeli companies in the fiber optic sector include SPG | Nesher, which develops and integrates advanced fiber optic communication products and turnkey projects, and PacketLight Networks, which focuses on optical transport solutions. While these companies may not specialize exclusively in air-blown cables, they offer compleme...

## Article Content

### Installation Options: Air Blown Fiber

The command's standard operating procedure of incorporating a 15% performance margin to accommodate fiber degradation from installation-caused damage proved unnecessary with air blown

### Understanding Air Blown Fiber Cables | Fiber Xpress Mart

As air blown fiber optic cables continue to gain traction within the industry, understanding their design and benefits becomes essential for both professionals

### A comparison of conventional fiber and blown cable

Evaluating installation characteristics, costs and maintenance shows blown fiber has advantages in every category. By Julie Paulson and Philip D. Klingensmith

### Fiber Optic Products | SPG | Neshet

SPG Develops Manufacture and Integrates state-of-the-art Fiber Optic communication products & systems, using innovative technology.

### Microducts

A common cable installation technique for fiber cables remains cable pulling. After the duct is placed, a high-strength pull line is blown into the duct (if one has not already been pre-installed by the duct

### Qualifying cable blowing performances

The cable blowing technique first appeared in the early 80s. As optical fibre cables are intrinsically much lighter than copper cables, blowing became an alternative

### Fiber Optic Cables | Corning

With 2 billion kilometers of fiber optic cables installed around the globe, Corning continues to lead the industry in product quality and innovation.

### Air Blowing Micro fiber Optic Cable

Overview: The air blowing micro fiber optic cable is designed for microduct installation using air-blown technology. It offers compact size, excellent flexibility, and high-performance optical

### Top Fiber Optic Telecommunications Companies in Israel

MER Group has decades of experience in the manufacturing, installation, and maintenance of communication infrastructure, being one of the early adopters of fiber optic technology.

### What is Air Blown Cable?

Air blown cable is a technique developed in the 1980s by British Telecom to install lightweight and flexible fiber optic units using compressed air.

#### Air Blown Fiber Systems – Lightera

To help make deployment faster and less costly, especially in locations where space is at a premium, Lightera developed the MiDia® and AccuRibbon® DuctSaver® Microcable families. These

What are the benefits and applications of air blown fiber

Conclusion Air blown fiber optic cable is a game-changer in modern network deployments. Its flexibility, rapid installation, cost-effectiveness, upgradability,

What is Air Blown Cable? Uses, How It Works & Top Companies (2025)

Air Blown Cable is a specialized cabling solution that utilizes compressed air to facilitate the installation and management of fiber optic or electrical cables. This technology allows for the ...

#### Air Blown Fiber Optic Cable

As a professional air blown fiber optic cable manufacturer & supplier, we specialize in designing, manufacturing air blown fiber optic cable, and providing customized

Air Blown Fiber Optic Cable Manufacturer and Supplier | Unionfiber

Air blown Fiber Cable is an advanced product. It has a unique air-blowing installation method that's quick and efficient, reducing costs. The Air blown Fiber Optic Cable enables easy network expansion. It

#### Introduction to Air Blown Optical Cable

Air Blown Optical Cable offers a revolutionary approach to optical fiber installation, providing numerous advantages over traditional cables. In this

air blow fiber cable-optical cable

FTTH solution□Industrial control network transmission solutions□Optical cable installation solution□Optical cable construction plan□FTTH co-construction and sharing solution for new residential areas

#### Air Blown Optical Fiber Cable

BLOLITE is easily installed using compressed air and fibers are easy to terminate and are compatible with all standard optical connectors. BLOLITE is extremely reliable, with a zero failure rate since the

Top 41 Fiber Optic Cable Manufacturers in Israel (2026) | ensun

MER Group specializes in fiber optic networks, offering design, deployment, and maintenance services that ensure reliable and secure high-speed internet for homes, businesses, and public facilities.

#### Air Blowing Micro fiber Optic Cable

Air Blowing Micro Fiber Optic Cable Air blowing micro fiber optic cable, also known as jetting fiber. Air Blowing cable technology is an efficient way to install fiber

#### Everything You Want to Know about Air Blown Fiber System

The air blown fiber system is to pre-lay special fiber-blown micro-tubes and accessories in the early stage of integrated wiring.

#### Revolutionizing Optics Exploring Air Blown Fiber Manufacturers and ...

However, with the advent of air blown fiber technology, a new, more efficient method has been introduced. Air blown fiber manufacturing involves blowing a single strand of fiber through a

#### Sumitomo Electric Lightwave

FutureFLEX® Air-Blown Fiber® Solutions Tube Cables Fiber Bundles Blowing Equipment Tube Distribution Fiber Termination Tools & Accessories

#### The Ultimate Guide to Air Blown Fiber Cable:

Air-blown fiber cable, also known as blown fiber or air-spliced fiber, is a unique type of optical fiber cable that is installed using compressed air. This process involves

#### eABF Enterprise Air-Jetted fiber optic cable | AFL Global

eABF cables are designed by AFL to offer the most rugged and reliable enterprise-based blown fiber solution in the market today. The patent pending cable design

#### Microduct Cable Air-Assisted Installation Considerations

AEN096, Revision 10 When installing optical fiber cables into microducts, some unique parameters must be considered. Applications Engineering Note 049, titled, "Air-Assisted Cable Installation Technique,"

#### What is the Air Blown Fiber (ABF)?

If you're considering an air blown fiber solution or need expert guidance on fiber cable selection, equipment, or installation, contact us today - Spring Optic offers

#### Fiber Optic Cables Suppliers in Israel

Locate Fiber Optic Cables suppliers, manufacturers & distributors in Israel. Interactive map of Israel provided.

#### Microduct Air Blowing Fiber Micro Duct Tube HDPE

A fiber optic microduct is a small-diameter HDPE tube (usually 5–18 mm) designed for air-blowing micro fiber cables in FTTx and 5G networks. It provides

## Contact Us

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