

***NAFICON***

***Fiber Optic AV-Cables***

***(Tactical Fiber Optic Cables)***

## Fiber Optic AV-Cables



Optical AV cables are an essential part of modern data transmission, especially in situations that require high bandwidth and fast data transfer. They offer excellent performance and reliability and are immune to electromagnetic interference. Optical AV cables are designed specifically for demanding and harsh conditions that require reliable and fast data transmission. The AV cables are made from polyurethane cable (PUR), which ensures durability even in severe conditions. These cables are also known for their flexibility, making them excellent for a variety of applications.

### Common uses:

- **Outdoor events:** Optical cables are used in outdoor events, such as concerts and sports events, to ensure high-quality audio and video transmission.
- **Military and defense:** Optical AV cables are used for secure and reliable communication in military operations, providing reliable data connections in command and control systems.
- **Emergency situations:** Rescue workers and emergency services use these cables to create temporary communication networks in disaster areas and other critical situations.
- **Industrial environments:** These cables are used in industrial environments, including the oil and gas industry, mining, and construction, where harsh conditions require durable and reliable communication solutions.

Whether it's for data transmission or connecting various devices, optical AV cables provide a reliable and efficient solution for all needs. Choose the right cable and connector for your needs and enjoy uninterrupted data transmission with our high-quality products.

## Product range:

- Available in 2-, 4-, 8-, and 12-fiber versions.
- Fiber types: Single-mode (SM), Multi-mode (OM3 and OM4).

### Maximum lengths :

- 2- and 4-fiber: 600 meters
  - 8- and 12-fiber: 400 meters
- ⇒ Exception: Backpack reel cables:



### Connector options:

- LC, SC, ST, FC and MPO, UPC and APC
- IP67 protected connector
- ProBeam connector



The stripped portion of the cables is armored, which enhances their durability in use.



### Reel options:

- Both ends can be free in a protective tube. The protective tube is attached to the cable with a connector. This connector can be used to pull the cable out of the reel, so the strain is on the cable and not on the optical connectors.
- One end can be in the adapter plate at the center of the reel. The adapter plate always uses shutter adapters, so protective caps are not needed.

**Jussi Laine**

**+358 400 786 427**

**jussi.laine@naficon.fi**

**Heikki Rikkonen**

**+358 44 544 0702**

**heikki.rikkonen@naficon.fi**

**Jukka Oittinen**

**+358 44 507 5025**

**jukka.oittinen@naficon.fi**

**Mika Sormunen**

**+358 50 307 9511**

**mika.sormunen@naficon.fi**

**Office:**

**+358 020 835 1662**

**naficon@naficon.fi**

**Naficon Liitin Oy**

Lahdentie 7 D

21660 Nauvo FINLAND

[www.naficon.fi/en](http://www.naficon.fi/en)