



INDUSTRIAL PCF CABLES

ALPhANOV can meet demanding requests to carry
Photonic Crystal Fibers at an industrial level.

TUBING

to protect your fibers

- Available for all kinds of fibers
- Different materials available
- Waterproofness (optional)

Different kinds of jackets can be proposed in option to protect your fibers depending on the power.

Hytrel 900 μm jacket

The Hytrel 900 μm jacket is the smaller jacket available for PCF fiber. It can only be used for low power, typically below 1 W average power injected.



3 mm PVC jacket

The 3 mm PVC jacket is used to protect the fiber up to 3 W average power injected.



Steel jackets

Adapted for high-power, steel jackets are available for all connectors. These jackets are implemented as depicted in the figure below.



EXAMPLE OF REALIZATION



Industrial HC-1550 patch-cable, using LC connectors and waterproof sheathing.

