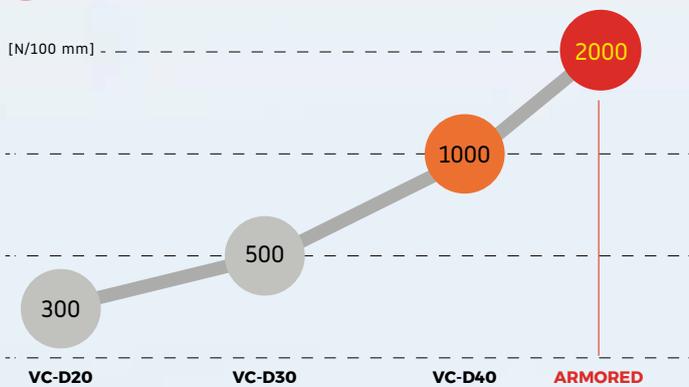


# Armored patchcords and pigtails

A series of armored solutions with increased mechanical resistance



## Crush resistance performance



## Standard drop cables



Rodent protection



Flexibility



Anti-kink



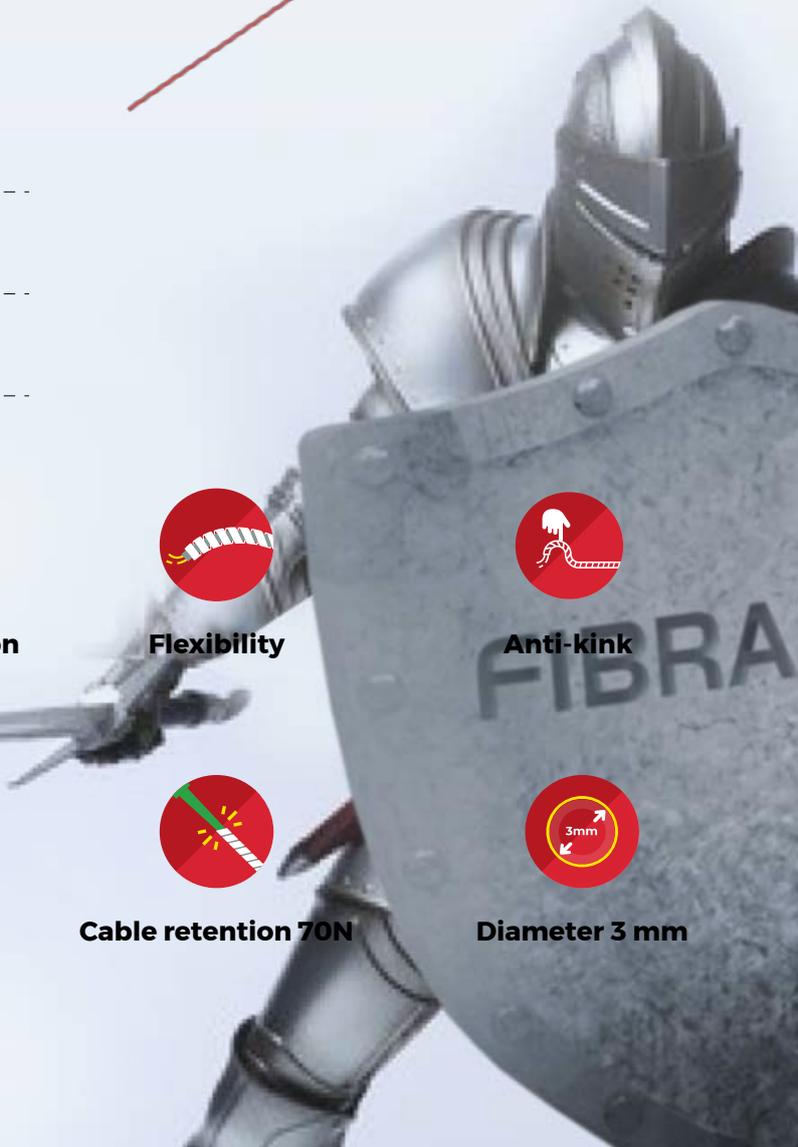
Crush resistance



Cable retention 70N



Diameter 3 mm





**CRUSH RESISTANCE**

Products from armored solutions series are characterized by up to 7 times higher crush resistance.

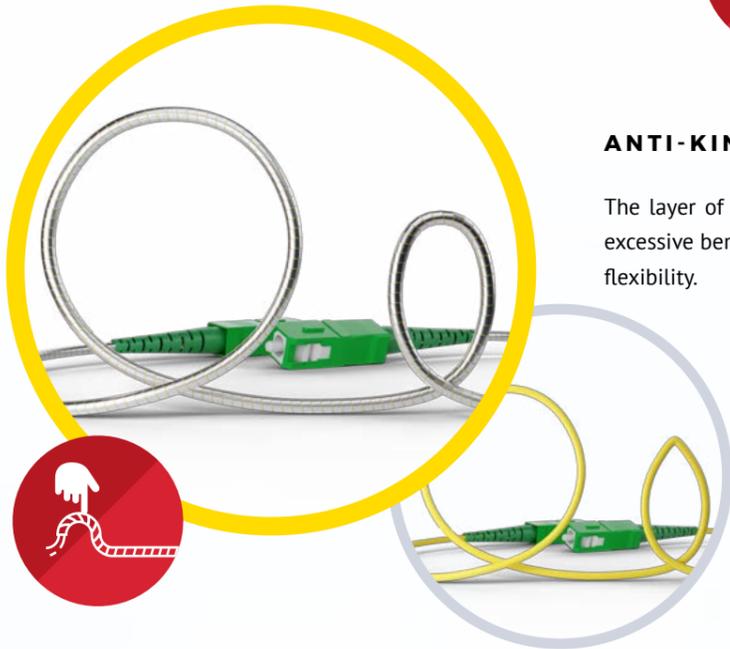
**RODENT PROTECTION**

The layer of stainless steel provides additional protection against rodents



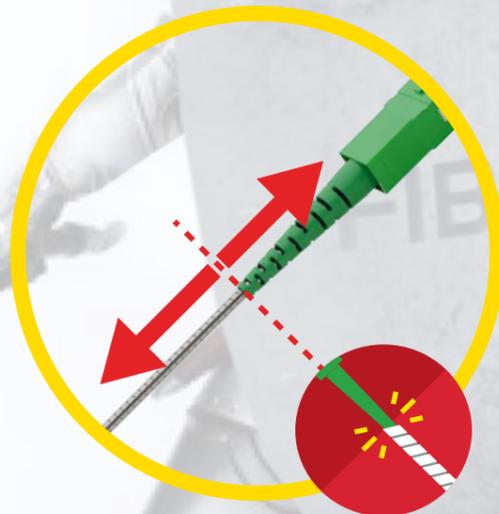
**ANTI-KINK**

The layer of stainless steel spring tube provides protection against excessive bending and breakage of the cable, while maintaining high flexibility.



**CABLE/FIBER RETENTION**

The design of patchcords and armored fanouts provides the retention force to hold the cable to the fiber optic connector, which can withstand tensile loads of 70 N.



In response to our clients' expectations, we have created a new, better version of our products.

**From now on patchcords and multipatchcords are also available in armored version**

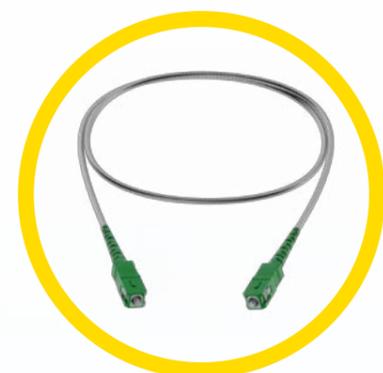
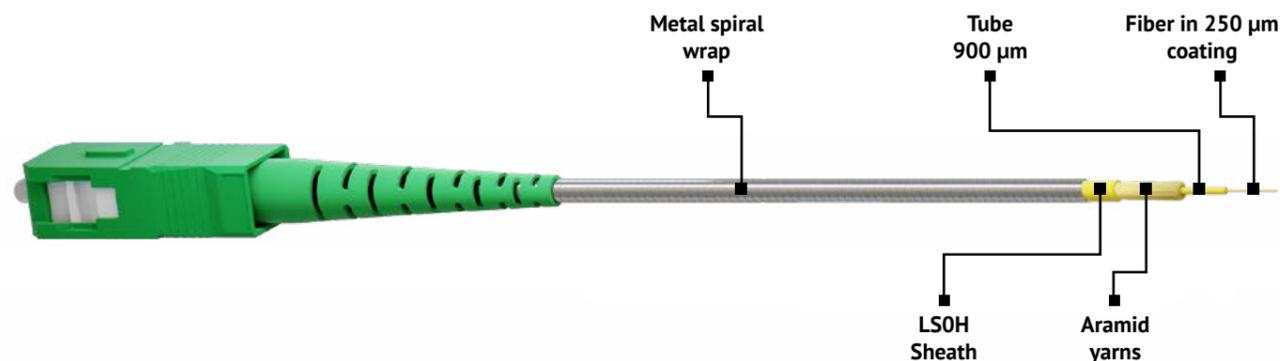
**A series of armored solutions consists of the following products:**

- standard simplex armored patchcords
- cross-connect drop cable pigtails and patchcords with armored fanouts
- multipatchcords with armored fanouts



### Construction

The basic common feature of the armored solutions is a two-layer construction - LSOH coating and a stainless steel spiral coating. Thanks to this, the mechanical parameters of the armored series products exceed traditional solutions.



#### REINFORCED PATCHCORD

A simplex patchcord with a two-layer construction (LSOH and stainless steel) and 3.0 mm outer diameter terminated with fiber optic connectors on both sides



#### DROP CABLE PIGTAILS AND PATCHCORDS WITH ARMORED FANOUTS

Solution based on FIBRAIN drop cable patchcords with more than one fibers. Armored fanouts spread from furcation points on one or both sides. Their structure is the same as in the basic armored patchcords. Fanouts length - 15 cm.



#### MULTIPATCHCORDS WITH ARMORED FANOUTS

A solution based on TEF or TEFM multipatchcords with armored fanouts. Their construction is the basic armored patchcords. Fanouts length - 30-200 cm.

### Mechanical parameters of armored solutions

Crush resistance [N/100mm]	2000
Outer diameter [mm]	3
Static bending radius [mm]	30
Dynamic bending radius [mm]	60
Material	Stainless steel
Cable / fiber retention [N]	70
Max. length [m]	50

### Features and advantages

- 3 mm outer diameter and high elasticity enables to use armored patchcords in compact customer outlets
- Basements, outdoor cabinets installations possible (Rodent protection)
- Ideal with no additional protection in form of pipes, cable trays, guides.
- Safe nailing to the wall with the use of cable clips (flops) without the risk of damage
- Customized home use - under the carpet, through the wall, through the door / window
- Temporary transmission
- Anti-kink protection
- Crush resistance 2000 N/100 mm

### Applications

Armored patchcords and multipatchcords have a wide range of application - as wide as the same products in their basic versions. Additionally they are perfect for installations in difficult conditions. Wherever additional protection is necessary, they will be the perfect solution.

- FTTX networks
- Structured cabling systems
- Distribution points, cabinets/racks connections
- Last mile connections
- Telecommunication networks
- Measurement equipment
- CWDM networks
- Lokalne sieci LAN
- CATV, CCTV

