



**Ufanet Group –
Internet Provider, Vendor and Manufacturer
of products for network construction
in Russia and CIS**

Ufanet – Provider and Vendor across Russia and CIS



7

Russian regions

20+ years

of experince

35000+

employees

280+

cities and settlements

10 000+

intercoms in Russia and CIS

80 000+

cameras in Ufanet settlements

2,1+ mln

households – Internet subscribers

Awards and Prizes



Development of production system, 2019

A.K. Gastev Performance Leaders' Club



TOP 100 Evolutive companies

in the Russian Federation according to IBS business partner of the leaders of Russian business and government agencies



Kommersant Award 2021

Award for the development of IT technologies in the Republic of Bashkortostan



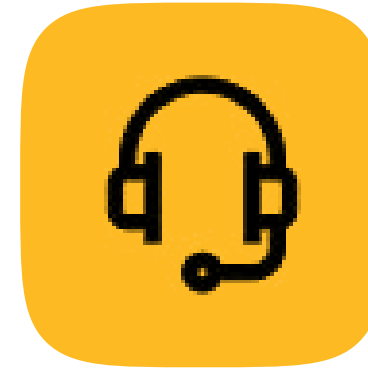
Big Digital National Award 2021

in nomination "For a wide choice of TV channels"



Best Branded Vehicle 20218

at the Multiservice Annual Forum of telecom operators and broadcasters



Crystal Headset International Award

Winner in the categories "Young Talent 2016", "Best Monitoring and Technical Support Team 2017", finalist in nomination "Best feedback team 2022"



TTEFI TV Award 2013

Winner in the category "Television and Life: Special Project"



Big Digital Award 2010

Winner of the first national award in the sphere of multichannel digital TV in the Russian Federation

Participation at international exhibitions 2020 – 2022



CommunicAsia 2020

Singapore (online)

KyrgyzBuild

Bishkek

FILMART 2021

Hong Kong (online)

Hannover Messe 2021

Germany (online)

MIPTV Cannes 2021

France (online)

Mipcom 2021

France (online)

CSTB Telecom&Media 2021

Moscow, Russia

International business mission in the IT sphere Smart City

Indonesia (online)

International business mission in Africa 2021 (online)

International business mission in the sphere of information security and software for business in Asia, Africa and the Middle East 2021 (online)

UzBuild Tashkent 2021

Tashkent

GITEX 2021

UAE

Cabsat MENA 2021

UAE

MUSE 2021

Russia

SVYAZ 2022

Russia

CROS 2022

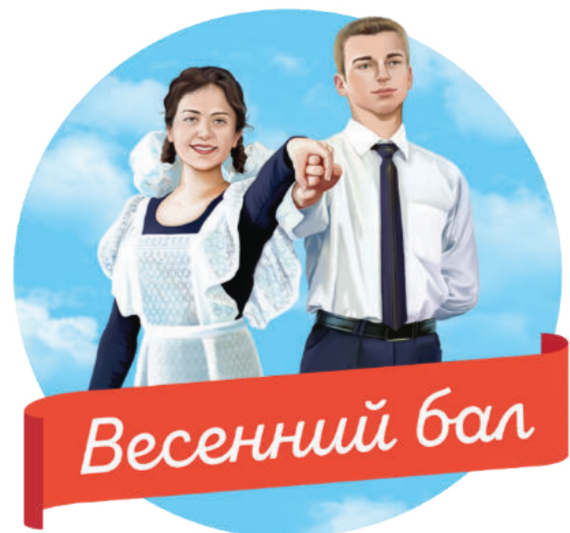
Russia

CSTB 2022

Russia

Social policy

over 11 projects



Culture

Spring Ball
Children - our future



Family

Daddy, Mummy
and me - mighty family



Art

Classical Music
Marathon



Sport

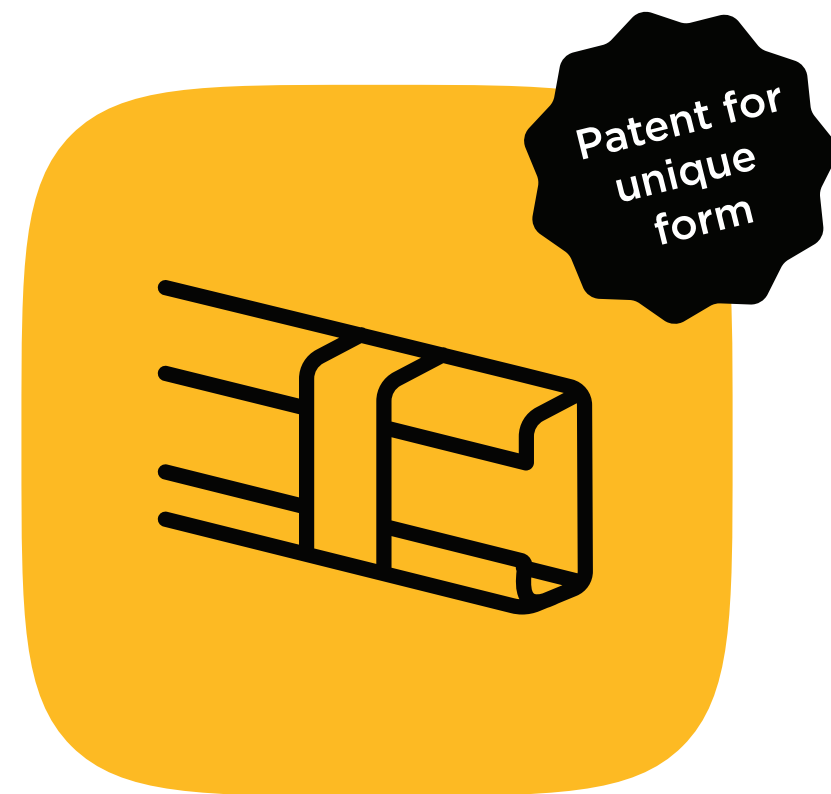
Bodybuilding Cups
and Championships

Ufanet – manufacturer

of unique products for network construction



since 2013



Ufacor cable trunking

increase of installation time
of cable lines up to 30%*

since 2018



own
PON factory



Cabinets and fastenings

for quick mounting of
network lines and their protection

*according to Ufanet statistics in comparison to installation of other cable trunking systems.



Save your time and money

- Production of patch cords of any size according to the customer's order and in accordance with the project. No need to pay for excess cable!
- The production time of your order at the Ufanet factory is max 10 business days!



High reliability and safety

- Multi-level quality control: from raw materials to final products.
- All products have CE certificates.
- Our patch cords are used in construction of own communication networks of the Ufanet Group (over 180 PΦ).

PON factory

optical patch cordsы



FTTH patch cord

user external



Patch cords are used in the construction of communication networks and provide higher installation speed and lower cost than using the standard technology with fiber welding.

The patch cord is intended for suspension on the poles during the connection of users.



Size 5,2x2,0 mm	Jacket LSZH, standards UL1581, ANSI/UL83
Fiber type 9/125 (G.657.A2)	Max tensile load 0,4 kN
Central member two FRP (glass rod)	Central member diameter 0,5 mm
Add. central member FRP (glass rod)	Add. central member diameter 1 mm
Standard attenuation, dB/km 0,4 at 1310 nm, 0,3 at 1550 nm	Max compression load 1000 N/100 mm

FTTH patch cord

user external reinforced



Patch cords are used in the construction of communication networks and provide higher installation speed and lower cost than using the standard technology with fiber welding.

The patch cord is intended for suspension on the poles during the construction of the trunk network and the connection of users.



Size 6,0x2,8 мм	Jacket LSZH, standards UL1581, ANSI/UL83
Fiber type SM (G.657.A2)	Max tensile load 0,9 kN
Central member two FRP (glass rod)	Central member diameter 0,5 mm
Add. central member FRP (glass rod)	Add. central member diameter 1.8 mm
Standard attenuation, dB/km 0,4 at 1310 nm, 0,3 at 1550 nm	

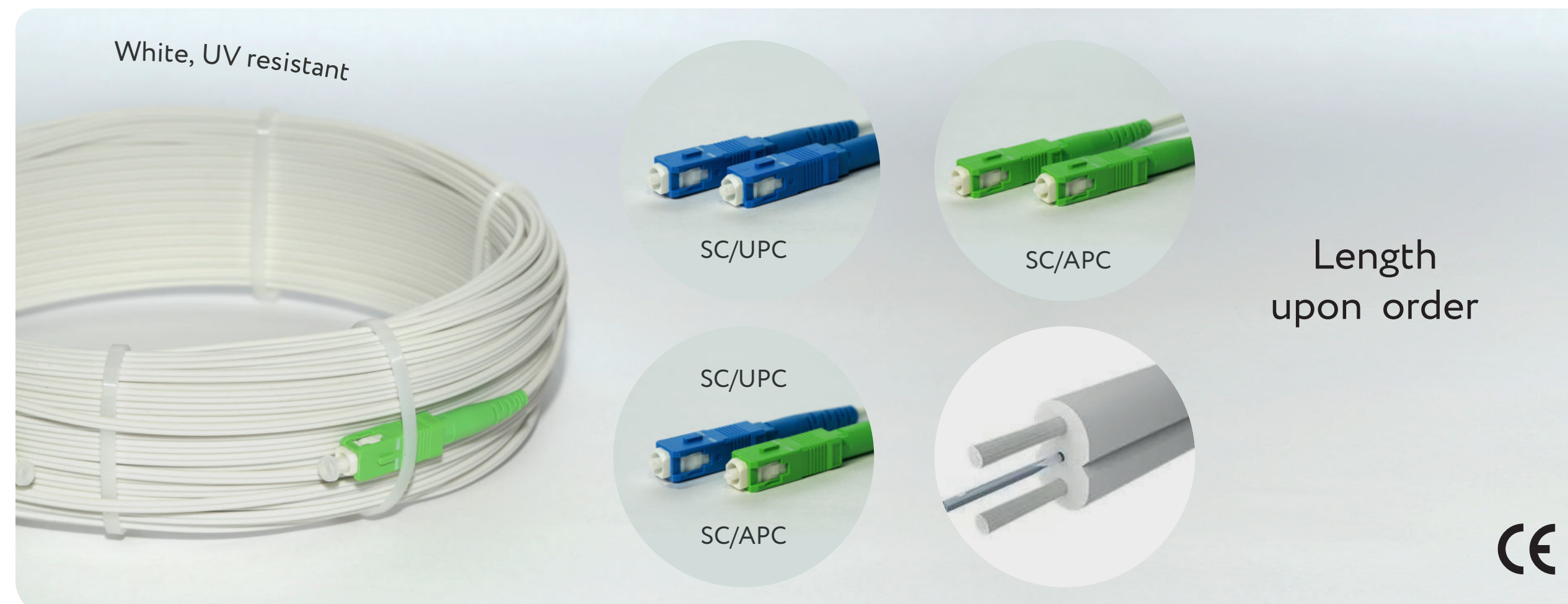
FTTH patch cord

user internal patch cord



Ufanet patch cords provide fast and convenient installation, minimum welding and high connection speed, ease of use and aesthetic appearance.

Patch cord is intended for indoor installation for connection of users.



Size 3,0x2,0 mm	Jacket LSZH, standards UL1581, ANSI/UL83
Fiber type 9/125 (G.657.A2)	Max tensile load 0,25 kN
Central member two FRP rod	Central member diameter 0,5 mm
Standard attenuation,dB/km 0,4 at 1310 nm, 0,3 at 1550 nm	Max compression load 1000 H/100 t

Lorem ipsum

FTTH patch cord

user external



Patch cords are used in the construction of communication networks and provide higher installation speed and lower cost than using the standard technology with fiber welding.

The patch cord is intended for suspension on the poles and between the buildings using the flat section cable with PE jacket.



Size 4,4x2,0 mm	Jacket HD polyethylene
Fiber type SM (G.652.D)	Max tensile road 0,8 kN
Central member Two FRP glass rods	Central member diameter 1,2 mm
Standard attenuation, dB/km $\leq 0,36$ (1310 nm) / $\leq 0,18$ (1550 nm)	Max compression load min 3,0 kN/100 mm
Min bend radius, mm min 10 cable diameters	

FTTH patch cord

user external



Patch cords are used in the construction of communication networks and provide higher installation speed and lower cost than using the standard technology with fiber welding.

The patch cord is intended for suspension on the poles and between the buildings using the round section cable with PE jacket.



Size 4,6 mm	Jacket Polyethylene
Fiber type SM (G.652.D)	Max tensile road 0,5 кН
Central member Two FRP glass rods	Central member diameter 1 мм
Standard attenuation, dB/km $\leq 0,36$ (1310 nm) / $\leq 0,18$ (1550 nm)	Max compression load min 3,0 kN/100 mm
Min bend radius, mm min 10 cable diameters	

Manufacture or Ufacor cable trunking since 2013



Save your time and money

- **Increase the speed of installation** and laying cables **by 30%** compared to products of other manufacturers.
According to Ufanet statistics data in regards to the installation works.
- **Service life - over 10 years.** You will not pay additional costs for the replacement of cable trunking and ducts on available communication networks due to deformation or breakage.
- **Unique shape** of cable trunking and ducts provides convenient cable laying and easy installation.
- **Optimal market price** is achieved by means of own production facilities.



High reliability and safety

- **Special reinforces construction of the cable trunking** provides for durability and flexibility.
- Ufanet cable trunking and ducts are designed on the basis of **our 20-year experience** in network construction.
- **Fire Safety Certificates** are available.



Aesthetic appearance

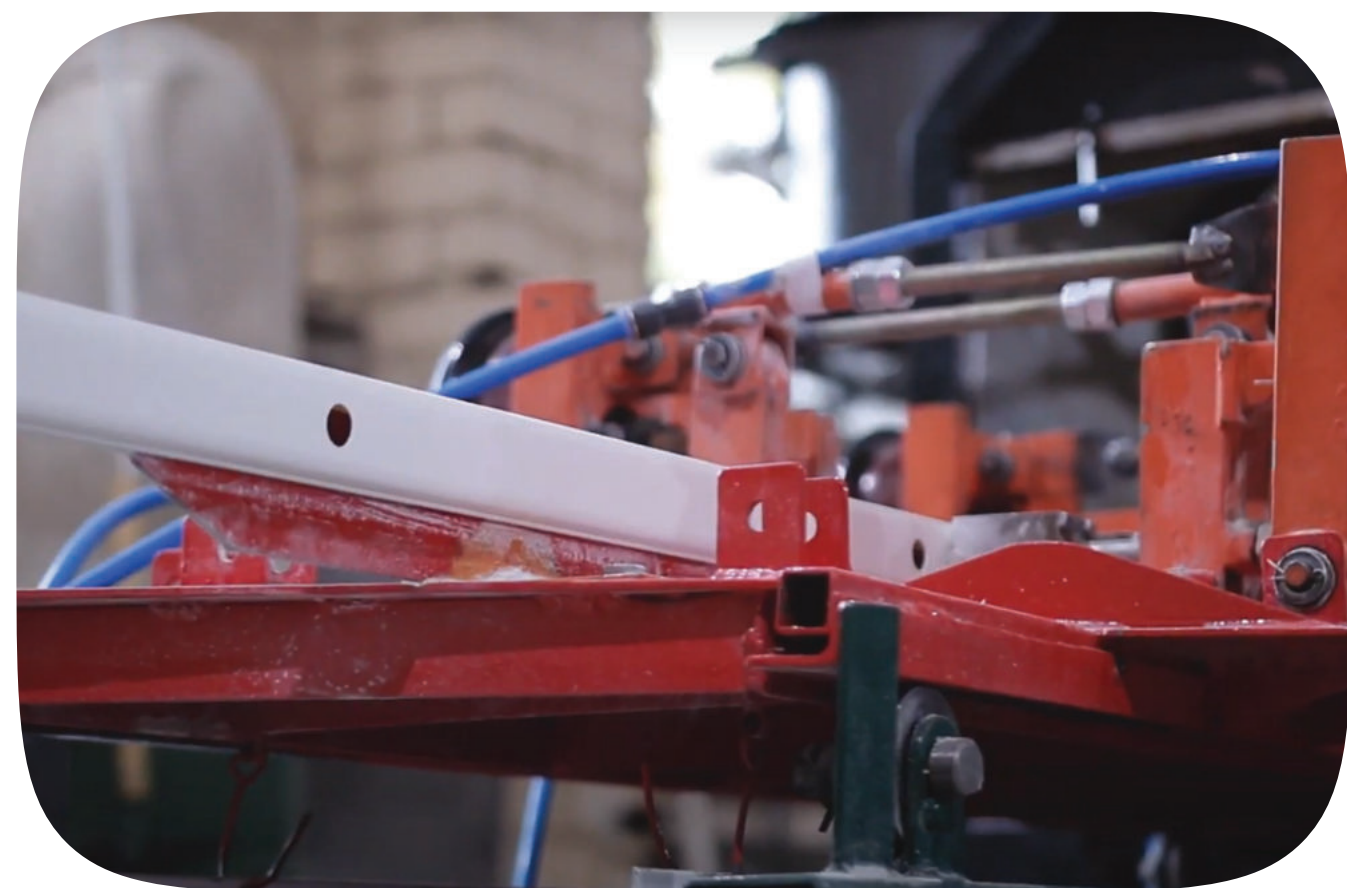
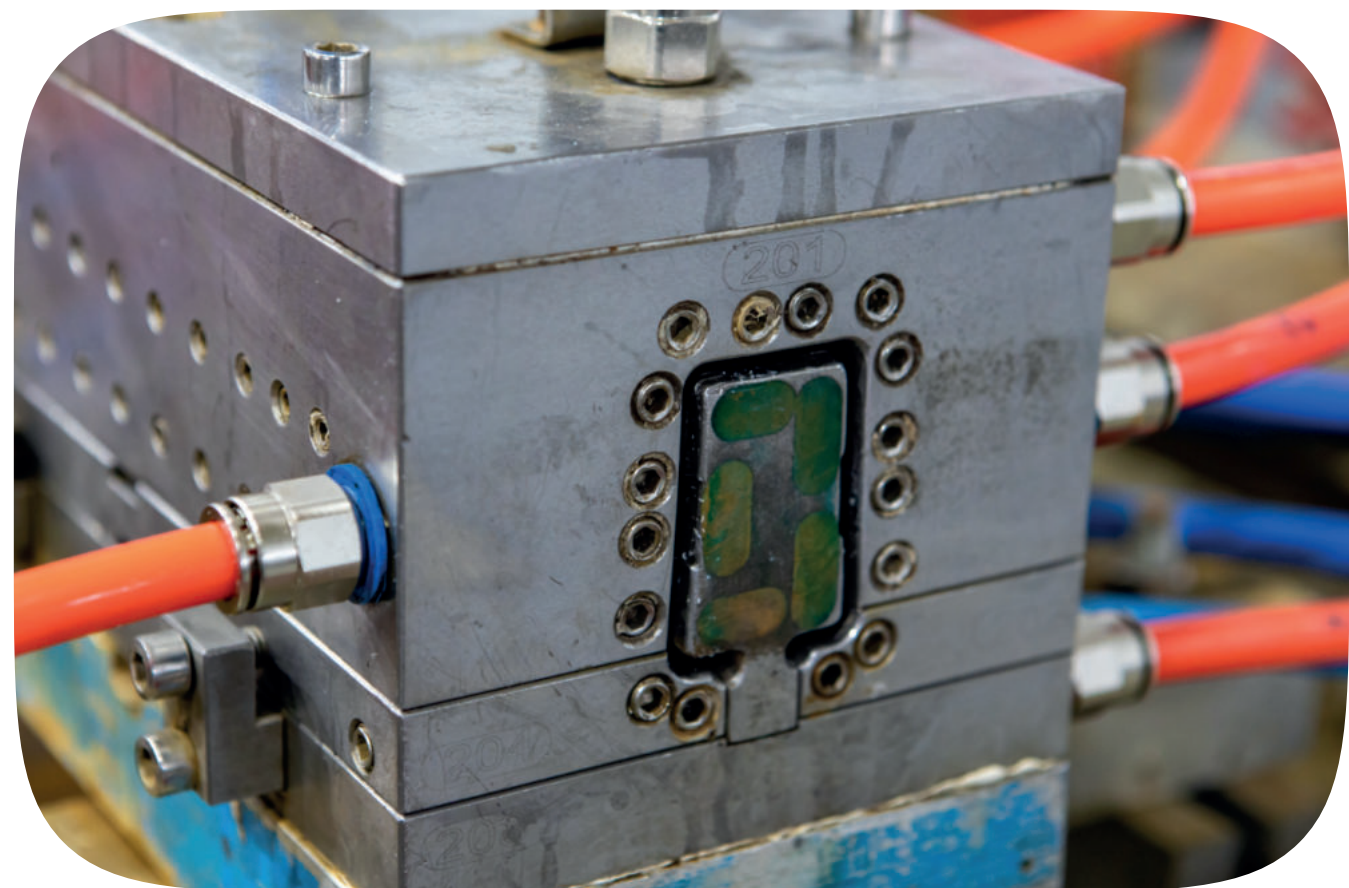
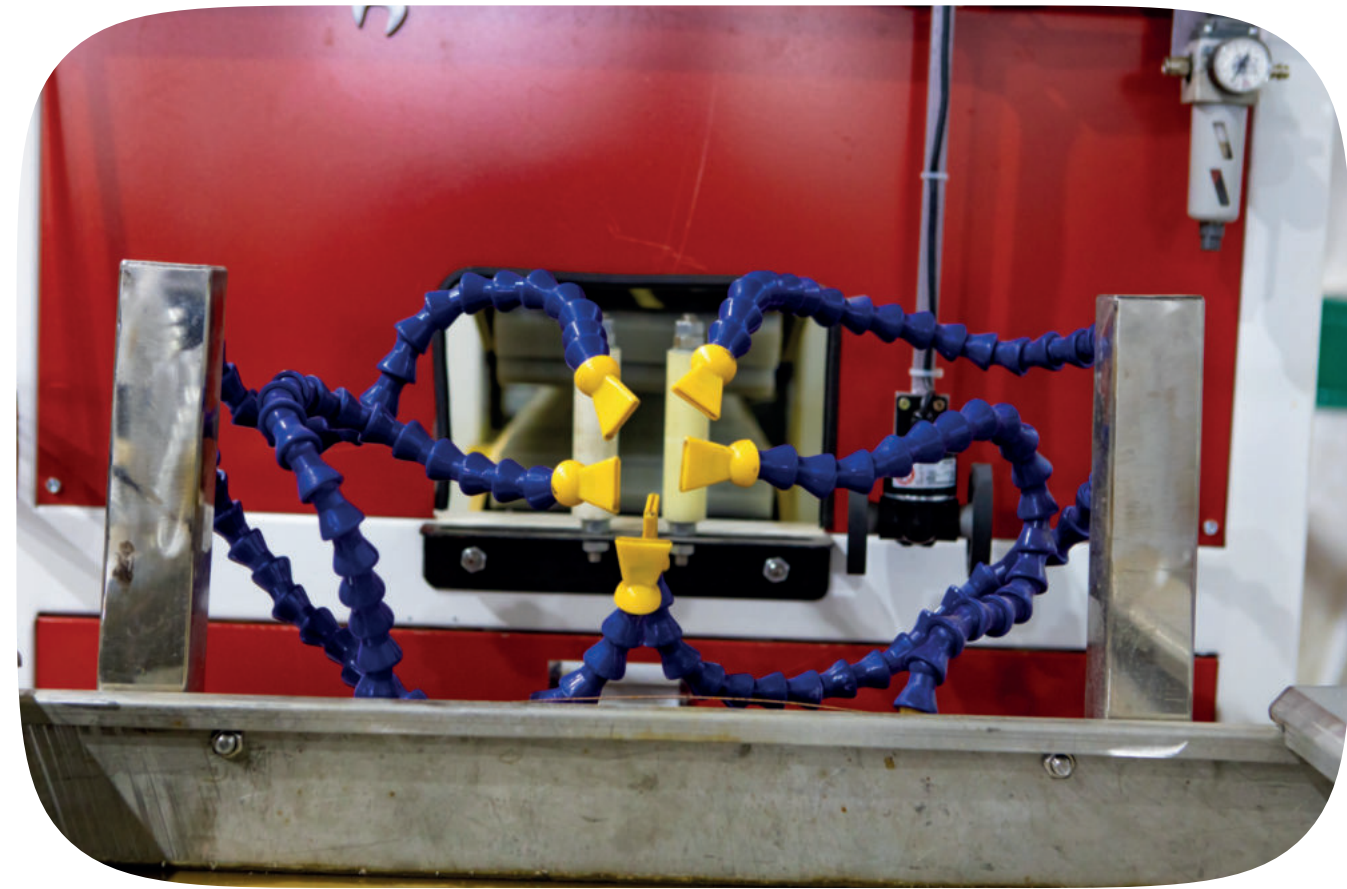
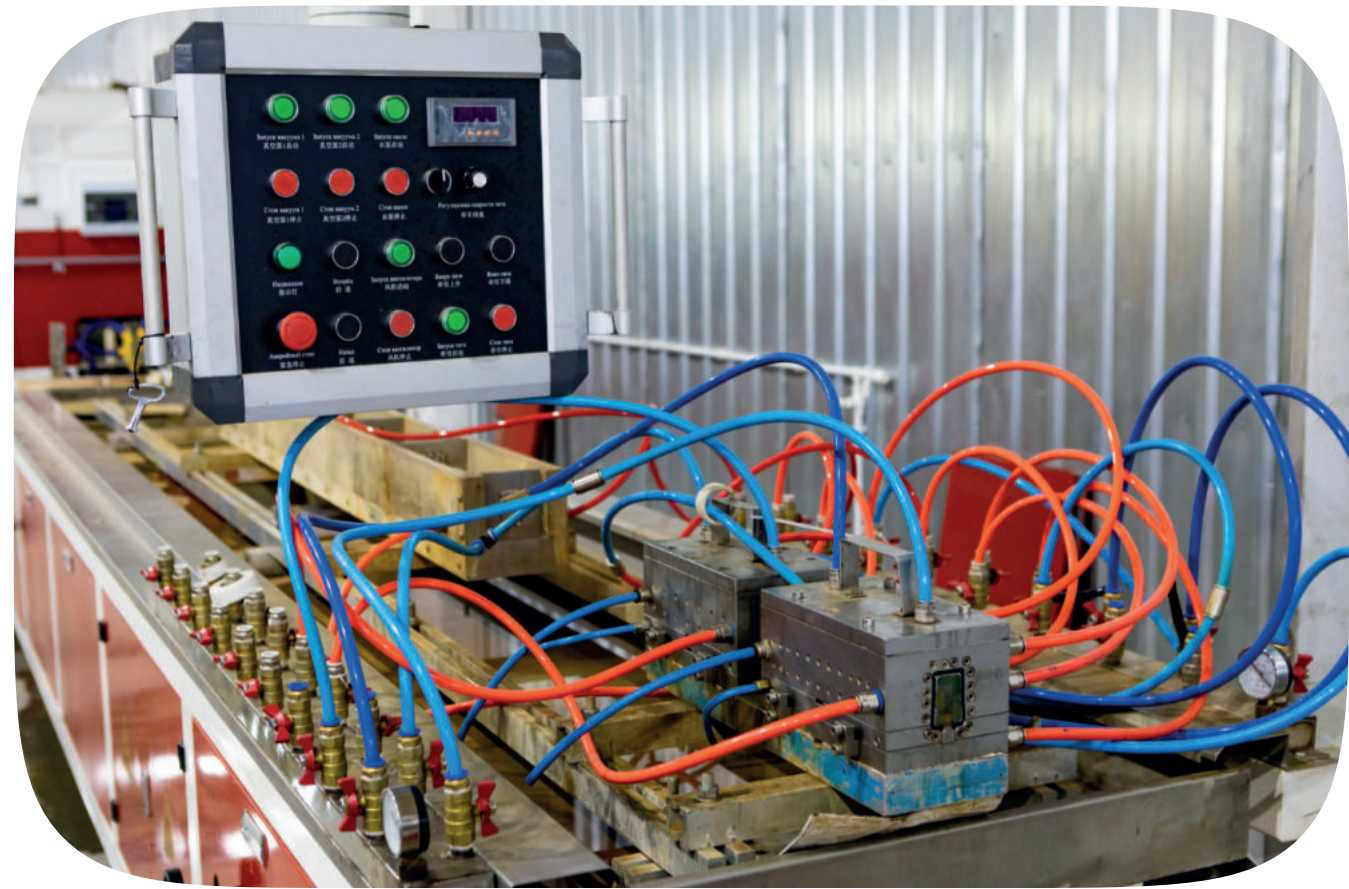
- Thanks to our cable trunking and ducts your cable lines will always look neat.



**Scan QR to know
how we produce cable trunking**

Own production

Ufacor cable trunking



Cable Trunking

self-extinguishing PVC composition



Ufacor 60x40, 40x25

A distinctive feature is the absence of a cover. Cables can be laid through the technological slot in the trunking. There are round holes provided for easy mounting to the wall.



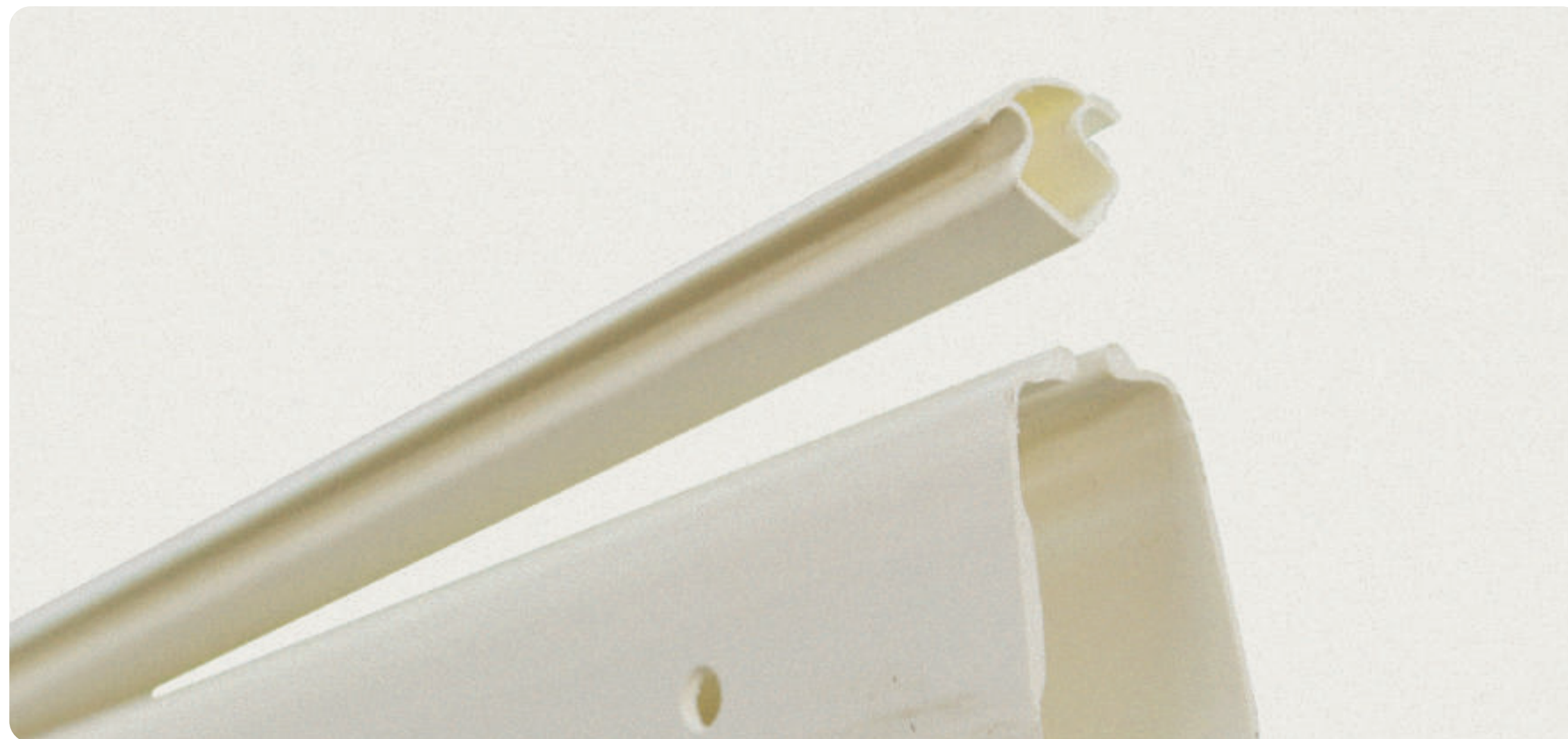
Height 60,40 mm	Wall thickness 1,6/1 mm	Mounting temperature -5...+60 °C
Width 40,25 mm	IP rating IP40/IP20	Material PVC
Length 2000 mm	Cover type detachable (optional)	Mounting type mounting holes for perforating machine
Basic color white	Service life 25 years	Package dimensions 2000x120x120/2000x75x85 mm
Package 10,6/4,3 kg	Colors upon order (RAL Classic)	Packing quantity 10 pcs.

Cover for cable trunking

Ufacor 42x26 and 54x34



It closes reliably the hole in the cable trunking and protects cable lines from moisture, dust and foreign particles.



Height 15,5 mm	Wall thickness 0,8 mm	Installation temperature -5...+60 °C
Width 19 mm	IP rating IP40	Material type PVC
Length 2000 mm	Basic color white	Mounting method latch
Netto weight 0,13 kg	Color options upon order (RAL Classic)	Service life 25 year
Pack. weight 1,432 kg	Package size 65x47x2008 kg	Packing qty 10 pcs.

Round cap



It is used for holes on the lateral surface to mount the cable trunking to the wall. Used as additional dust protection.

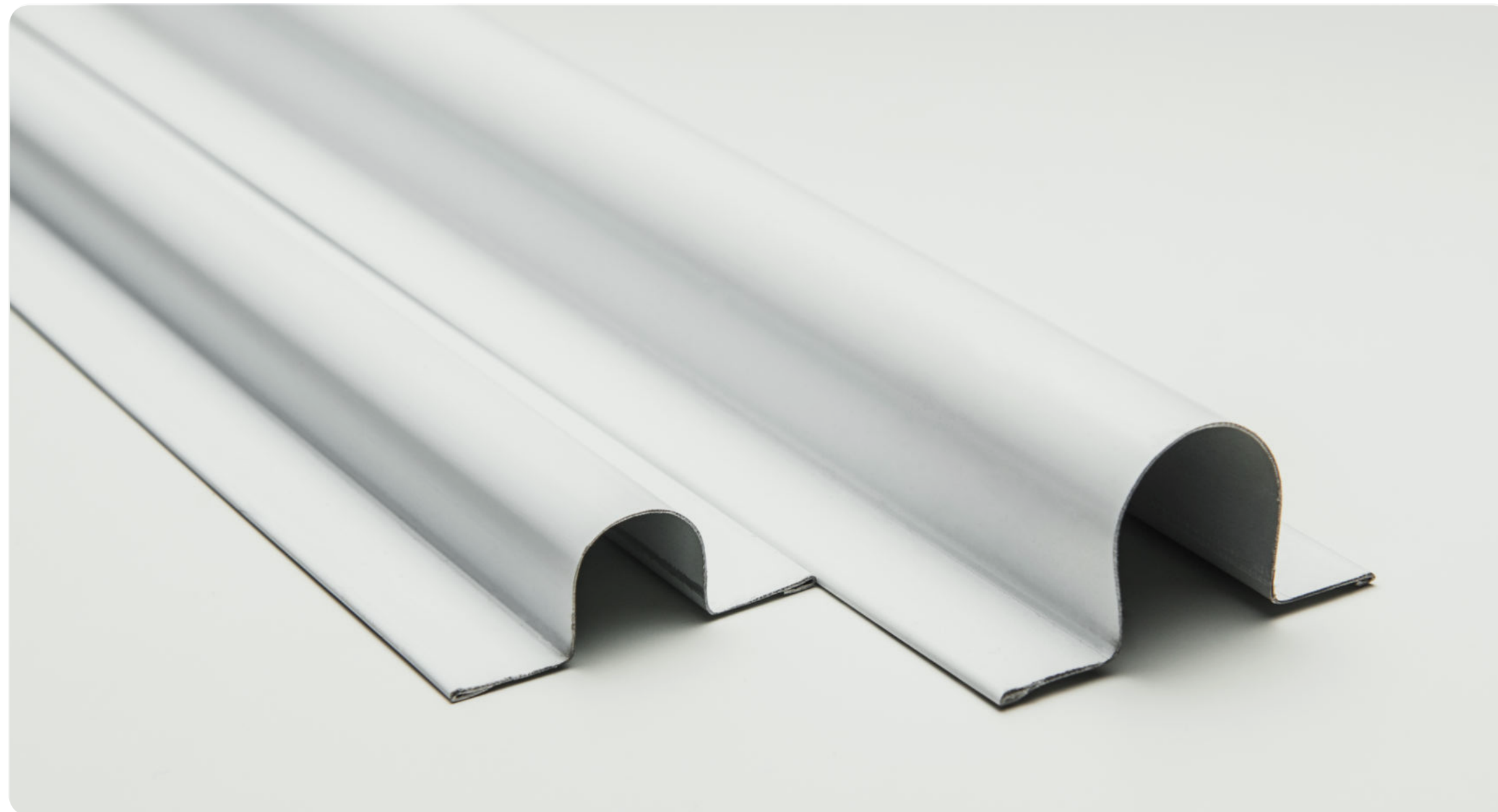


Height 8 mm	Wall thickness 2 mm	Installation temperature -5...+60 °C
Width 16 mm	IP rating IP40/IP20/IP20	Material type PVC
Length 16 mm	Warranty 1 year	Mounting method latch
Basic color white	Service life 25 years	Packing qty 1000 pcs.
Color options upon order (RAL Classic)		

Semi-circular metal duct



Used to protect cables lines bith inside and outside the building.



Small duct	Large duct	Material galvanized steel (0,5 mm) Basic color white Mounting type perforating machine/ gun Service life 25 years Packung qty 10 pcs.
Height 16 mm	Height 24 mm	
Width 46 mm	Width 52 mm	
Length 2300/2500 mm	Length 2300/2500 mm	
Package weight 17,43/19,54 kg	Package weight 22,28/24,81 kg	
Package size 107x110x2308 mm	Package size 129x165x2308 mm	

Arch 20x12, 30x13



Rounded shape, aesthetic appearance. For indoor use. Cables are laid through a technological slot in the trunk (then closed with the cover). There are holes on the back side for fixing to the wall.



Height 12, 13 mm	Wall thickness 0,8 – 1,2 mm	Installation temperature -5...+60 °C
Width 20, 30 mm	IP rating IP40	Material PVC
Length 2000 mm	Cover type removable with reinforced lock	Installation method Punch mounting holes
Basic color white	Package dimensions 95X80X2005 mm	Color options upon order (RAL Classic)
Service life 25 years	Package weight 6,67 kg	Packing qty 20/20 pcs.

Side plug

for Ufacor 20x12



The side plug reliably closes the cable trunking. It protects from moisture, dust and provide aesthetic appearance.



Height
12,8 mm

Wall thickness
1 mm

Installation temperature
-5...+60 °C

Width
21,9 mm

IP rating
IP40/IP20/IP20

Material type
PVC

Length
6 mm

Weight
7 gr.

Mounting method
latch

Basic color
white

Service life
25 year

Warranty
1 year

Color options
upon order (RAL Classic)

Accessories for Ufacor ARCH

self-extinguishing



Optical distribution cabinet PON Camel-3C



It is used for construction of PON network on the poles. Moreover, the cabinet can include up to 3 KU-1 cassettes for optical fiber splicing.

Parameters:

number of main FOC d10 mm inputs – up to 4 pcs.

number of user FOC d6mm – up to 16 pcs.

Complete set:

1. Cabinet - 1 pc.
2. Key - 1 pc.



Dimensions	Material	
390x450x170 mm	galvanized steel sheet with powder coating	
Installation: Installed to the pole using mounting tape (2 pcs)	Not included in the package	
The cabinet can accommodate		
an optical casset type splitter (130x100x25)	or	a removable panel for optical terminal boxes

Optical cabinet Sharpei-TO



It is designed for installation in hallways and staircases.
It is used for PON networks in multi-dwelling units.

This cabinet can be used in conjunction with a semi-circular metal duct d22mm

FOCL welding is not applicable.

Featuring products:

1. Service eccentric key
2. Semi-circular metal duct d 22 mm
3. Triangular metal duct



Dimensions	Material	
210x70x250 mm	galvanized steel sheet with powder coating	
Installation: Installed directly to the wall using dowel screws		
Not included in the package		
The cabinet can accommodate		
an optical casset type splitter (130x100x25)	a removable panel for optical terminal boxes	box type optical coupler (90x20x10)

The cabinet can include max 10 SM-1 cables.
To open/close the cabinet use eccentric key (not included).

Optical distribution cabinet Elets-2



It is used for construction of PON networks in apartment buildings.
It is designed for installation in the common facilities
(hallways, attic, mechanical rooms).

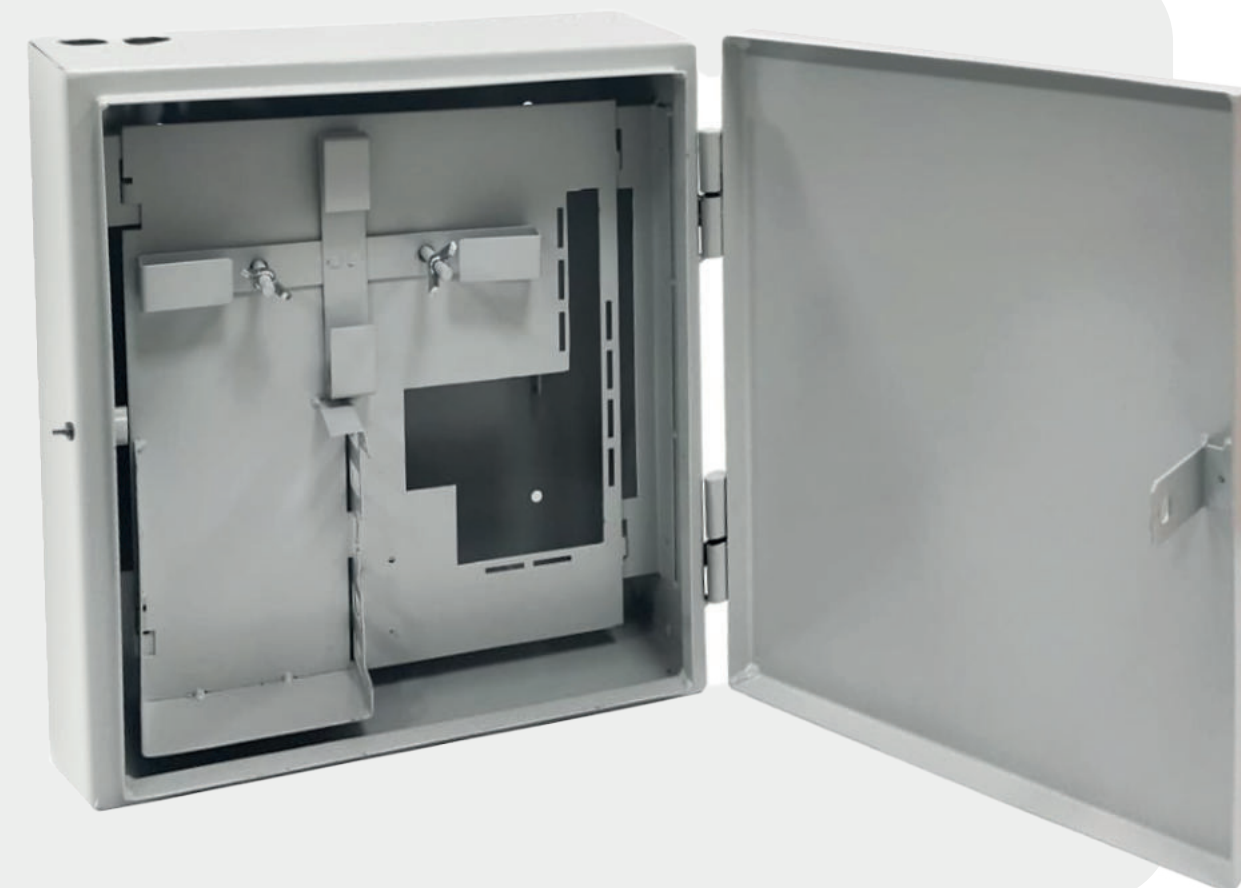
Parameters:

number of main FOC d10 mm
inputs – up to 2 pcs.

number of user FOC SM1
d6mm – up to 8 pcs.

Featuring products:

1. Service eccentric key
2. Semi-circular metal duct d 22 mm
3. Triangular metal duct



Dimensions	Material	
315x285x140 mm	galvanized steel sheet with powder coating	
Installation: Installed directly to the wall using dowel screws	Not included in the package	
The cabinet can accommodate		
an optical casset type splitter (130x100x25)	optical adapter of type SC	box type optical coupler (90x20x10)

The cabinet can include max 10 SM-1 cables.
To open/close the cabinet use eccentric key (not included).

Optical subscriber cabinet Gnom-2



It is designed for installation in hallways staircases. It is used for construction of PON networks in apartment buildings.

Max No. of cable slack - 8 pcs. of 30 cm
Use the eccentric key to open/close the cabinet (Not included)

FOCL welding is not applicable.

Complete set:

1. Service eccentric key
2. Semi-circular metal duct d 14 mm
3. Semi-circular metal duct d 22 mm



Dimensions		Material	
195x145x50 mm		galvanized steel sheet with powder coating	
Installation: Installed directly to the wall using dowel screws			Not included in the package
The cabinet can accommodate			
1 removable panel for optical terminal boxes	or	1 optical cassette type splitter (130x100x25)	
box-type optical coupler (90x20x10) – 2 pcs.		4 optical SC adapters	

Switchboard cabinet 3U ShKN-515.565



Designed for installation inside buildings, in hallways and staircases. The cabinet has 2 doors for convenient use, as well as vandal-resistant ventilation holes.

Complete set:

- PKU plate - 1/19" (for KU-1 cassette)
- plate with hook to hang the equipment
- lock with key set



Dimensions	Material
515x565x235 mm	galvanized steel sheet with powder coating
Installation: Mounted to the wall with 4 anchor bolts d 12 mm	Not included in the package
The cabinet can accommodate	
up to 3 pieces of 1U switches	optical cassette KU-1

Node cabinet 9U Spinner



Used for terminal equipment, its power supply and backup in one device.

Power supply equipment is located in the lower part of the cabinet, including batteries.

Complete set:

- cabinet
- lock with three-way crossbars with key set

Upon request, the cabinet can be equipped with:

- foil insulation
- electrical equipment
- heater
- fans
- access control



Dimensions	Material
700xx840x450 mm	steel sheet
Installation: Mounted to the wall with 4 – 8 anchor bolts d 12 mm	Not included in the package

Communication box KS-1



It is used for placement of telecommunication rack with communication equipment.



Complete set:

- box
- protective cover of the external air conditioner unit
- mast (conductor tube)
- lock with key set

Upon request, it can be equipped with:

- electrical installation components
- air-conditioner
- security and fire alarm systems
- electric heater
- access control

Dimensions

Overall size
1200x1740x2450 mm

Number of cable inlets

Bottom inlet 2 pcs.
sleeve d 100 mm
in the floor

Upper inlet 2 pcs.
masy of 2 double pipes d 57 mm

Installation:

The box is installed and attached to pre-prepared foundation units

Not included in the package

Backpack

designed specially for servicemen
of telecommunication companies



Color:
grey

Dimensions, cm:
32x46x20

Material:
polyester 1680D

The first large compartment includes the sections that can contain the following items:

laptop, charger	folder with documents	cables
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The second compartment includes the organizer with tools. It can contain:

connector crimping tool	flat / cross-head screwdrivers	stationary knife
wire cutters	hammer	pliers
electical tape/zip ties	RG45 connectors	scotchloks

The third compartment includes the sections for the following items:

measuring device	organizer with consumables	test tube
Tone generator		multimeter

The corth compartment can include

splitters	RJ45/RJ11 sockets
stock of scotchloks	stock of clamps

Smart Services

in one mobile App



Smart Intercom

with face recognition system



Smart Gate

with recognition of license plates and emergency vehicles



CCTV

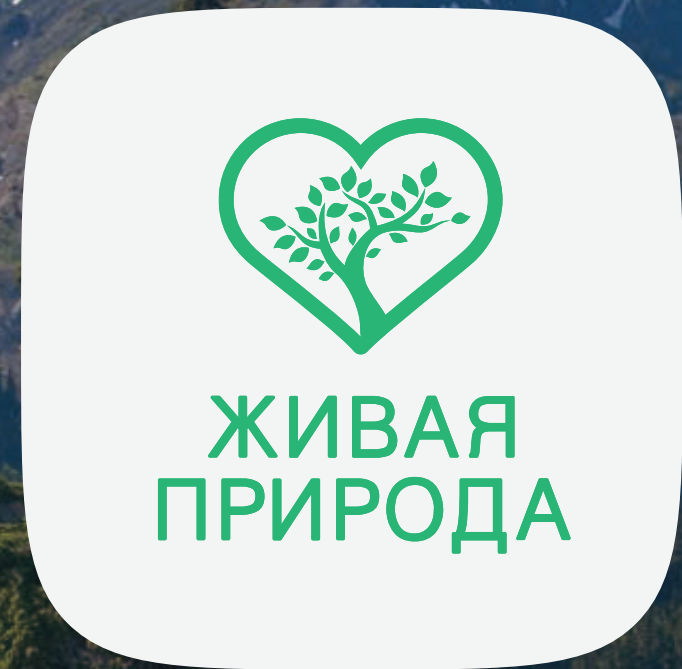
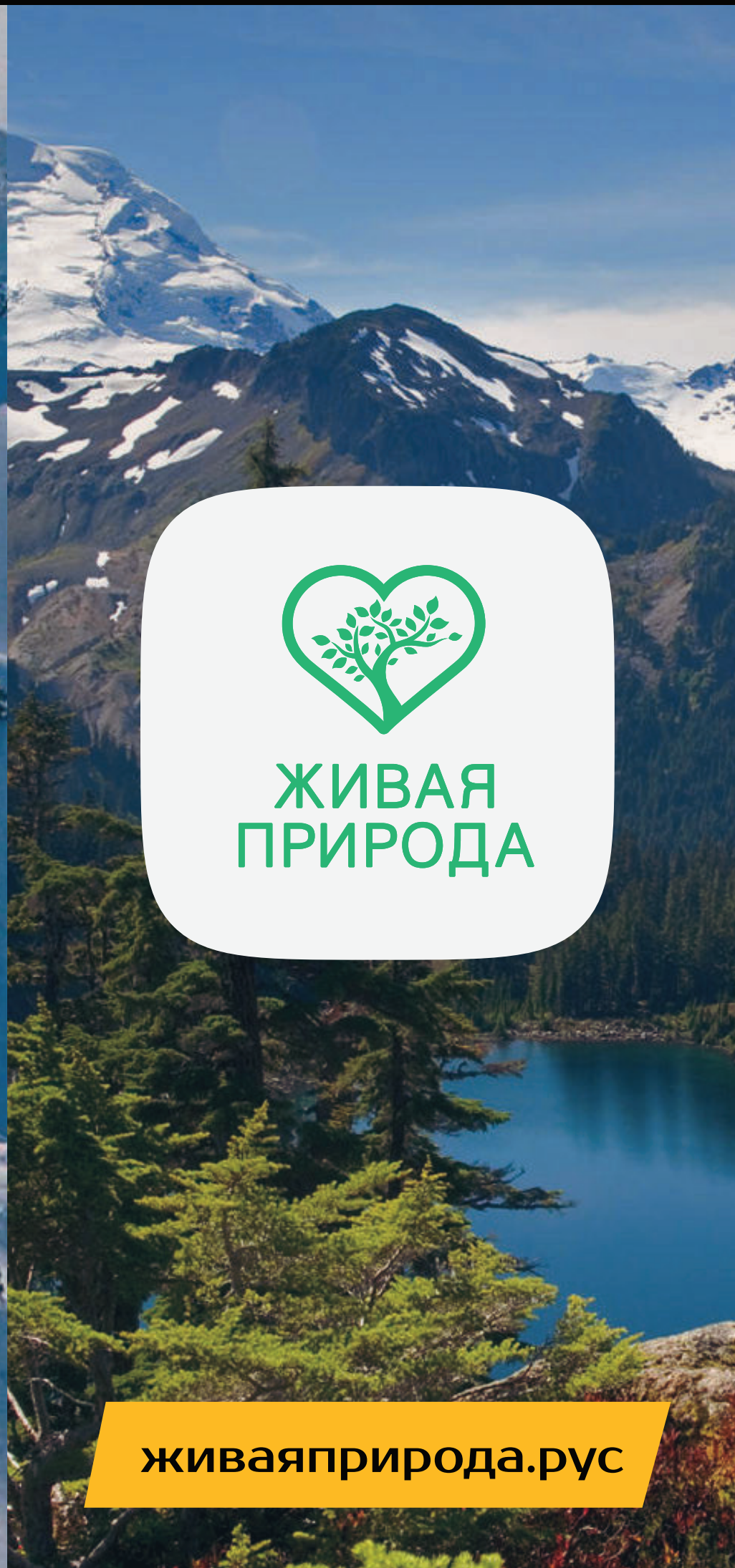
without static ip



Ufanet is a rightholder of own TV channels



home4k.ru



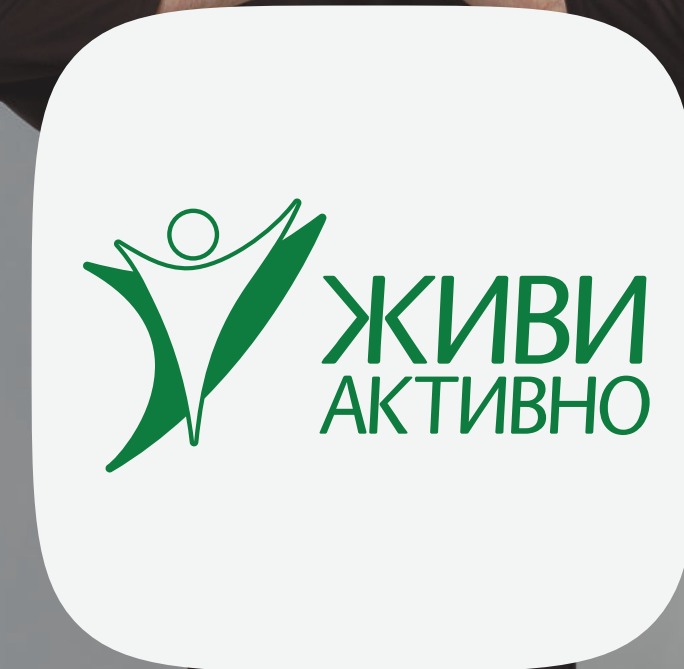
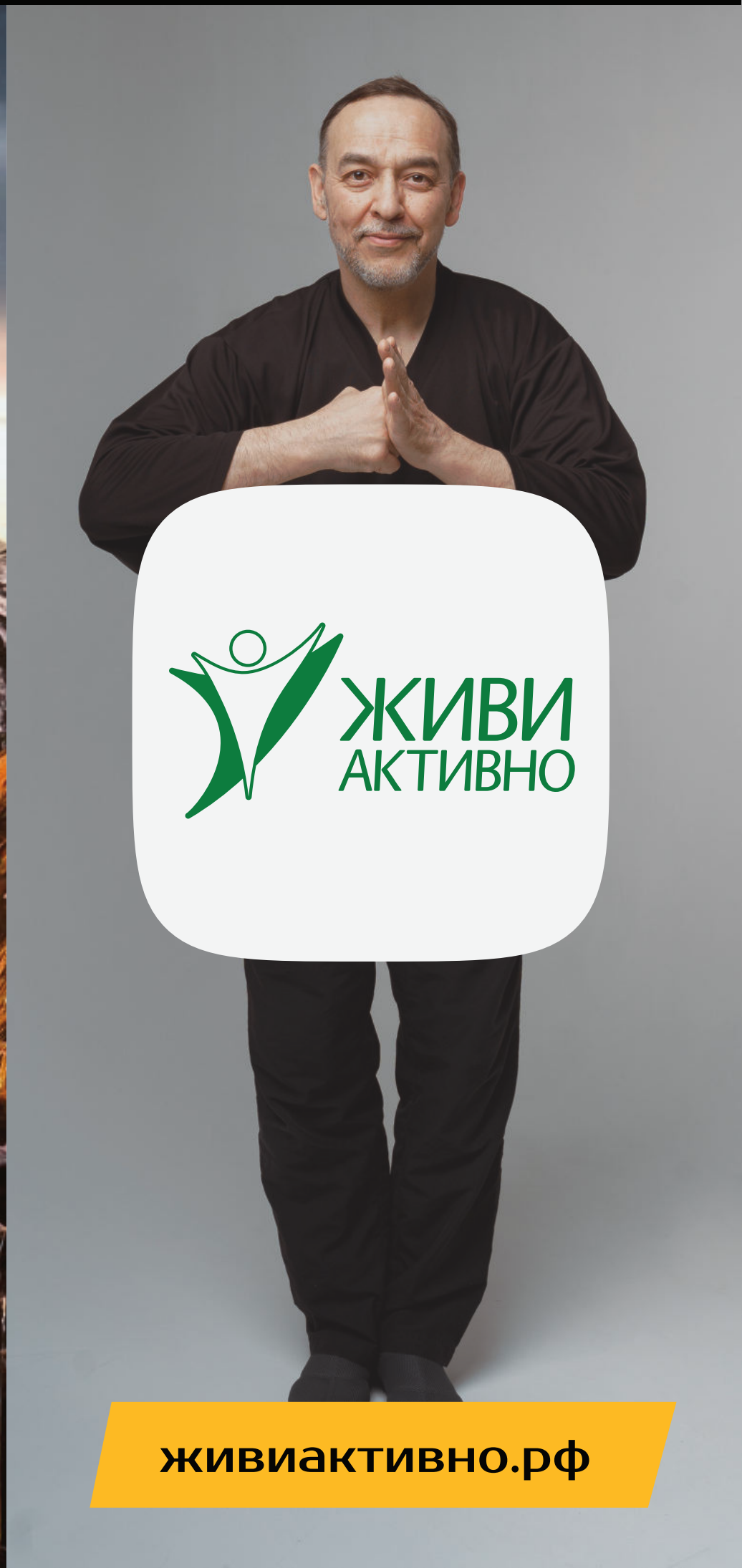
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