PATCH CORDS

Up to 50% increase the speed of network construction

Construction technology- without welding

We increase the convenience of construction and operation

Own PON-factory for the production of patch-cords

Patch-cords are used in the construction of communication networks and provide higher installation speed and lower cost of work than with simple technology using optical fiber welding

«Common» technology:

- Long installation time
- You need to rewind the length
- The cable must be cleaned
- Expensive equipment
- The restoration process requires repeating the entire installation cycle

Network construction using patch-cords of Ufanet:

- Quick installation
- Ready-made patch cord length for the customer's needs
- Does not require cleaning
- No expensive hardware required
- Recover quickly

FTTH trunk patch cord

Number of fiber strands	1
Cable dimensions, mm	6 * 2.8
Fiber type (conforms to ITU-T)	9/125 (G.657.A2)
Cable jacket composition	LSZH, conforms to UL1581, ANSI/UL83 standards
Jacket color	Black (UV resistant)
Power element	two FRPs (glass bar)

Power element diameter, mm	0,5
Additional power element	FRP (glass bar)
Additional power element diameter, mm	1,8
Minimum bend radius, mm (without additional power element):	— 25 (loaded) — 10 (when installed)
Typical attenuation, dB/km	0.4 at 1310 nm 0.3 at 1550 nm
Max. tensile load	0,9kN

Max. compression load	N/100 mm 1000
Connector type	SC/ACP SC/UPC

Cable lengths are made according to customer's request.

The patch cord is designed to be suspended at the overhead line supports during installation of the trunk line, and to connect subscribers.

Description:
Optical patch cord made of DROP cable for outdoor use. The black casing is resistant to temperature fluctuations.

FTTH subscriber patch cord for indoor application

Number of fiber strands	1
Cable dimensions, mm	3*2
Fiber type (conforms to ITU-T)	9/125 (G/657.A2)
Cable jacket composition	LSZH, conforms to UL1581, ANSI/UL83 standards
Jacket color	White (UV resistant)
Power element	two FRP glass fibers

Power element diameter, mm	0,5
Minimum bending radius, mm – 30 (operation)	– 30 (operation) – 15 installation
Typical attenuation, dB/km	0.4 at 1310 nm, 0.3 at 1550 nm
Max. tensile load	0.25 kN
Max. compression load	N/100 mm 1000
Connector type	SC/APC SC/UPC

The indoor subscriber FTTH patch cord is designed for indoor installation during connection of the subscribers.

Description:
Optical patch cord made of DROP cable for indoor application. White cable jacket is resistant to temperature fluctuations.

Optical reinforced subscriber FTTH Patch cord, external (RP 1,8 mm) 1 SM

Number of fiber strands	1
Cable dimensions, mm	5.2*2.0
Fiber type (conforms to ITU-T)	9/125 (G/657.A2)
Cable jacket composition	LSZH, conforms to UL1581, ANSI/UL83 standards
Jacket color	Black (UV resistant)
Power element diameter, mm	0,5

Minimum bending radius, mm	– 30 (operation) – 15 installation
Typical attenuation, dB/km	0.4 at 1310 nm, 0.3 at 1550 nm
Max. tensile load	0.25 kN
Max. compression load	N/100 mm 1000
Connector type	SC/ACP SC/UPC

Cable lengths are made according to customer's request

The patch cord is designed to be suspended at the overhead line supports during installation of the backbone line, and to connect subscribers.

Description:
Optical patch cord made of DROP cable for outdoor use. The black cable jacket is resistant to temperature fluctuations.

Certification. Testing. Each patch cord is tested for the presence of scratches and chips under a microscope. Application.

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