

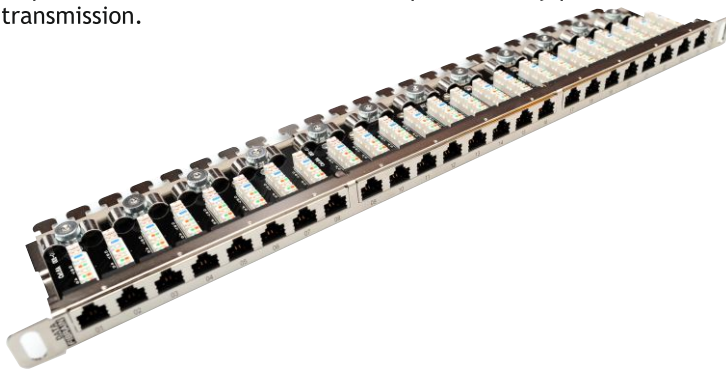


Rapid 6a

Patchpanel 0,5U Rapid 6A XR 100.255
FTP/STP 24 ports patchpanels

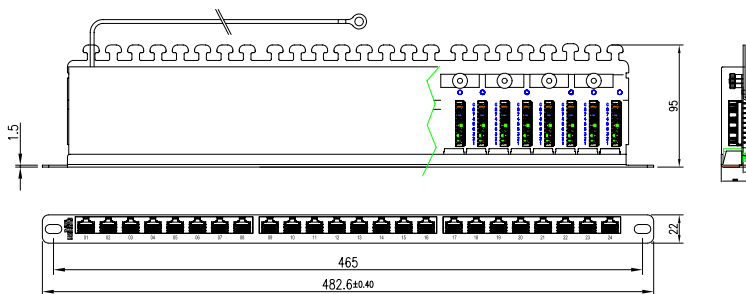
FIBRAIN DATA Structural Cabling Rapid Series, fully satisfies the requirements of cat. 6A (class EA) in accordance with standard ISO/IEC 11801, ANSI/TIA/EIA 568-C-2.1 as well as EN 50173-1. Moreover all components of the transmission line complete ROHS 2002/95/WE Directive.

Components in Rapid series are characterized by high quality of transmission and mechanical parameters, often exceeding requirements of valid standards. Components fully provide 500 MHz transmission.



FIBRAIN DATA Shielded patchpanels Rapid series fully comply with requirements of cat. 6A (Class EA) and perform transmission of 500 MHz. Are equipped with specific 9 pins angled connectors IDC-LSA which ensure ease and rapidity of assembly and additionally connection with grounding. Such an assembly provides very high transmission performance as well as resistance to interference. Patchpanels are also design in L-shape having a shelf which allows to make easy changes, extension and reconfiguration. Easy access to IDC connectors allows maintenance and changes in connections.

Furthermore each port and panel, is numbered. Standard height 19".

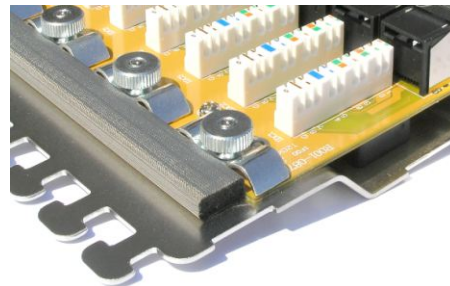


Characteristics:

- Height: 0,5U, 19"
- Depth: 95 mm
- 9 pins IDC connectors
- Shielded cover connected with grounding spot
- Easy cable assembling, cable shelf
- Clear port and panels numbering

Electric parameters:

- Insulation resistance: 500 MOhms min
- Contacts resistance: 10 MOhms max
- DC resistance: 0.1 Ohms max
- According to norm: IEC 60603-7 Class EA
- According to norm: TIA568-C Cat.6A
- Shield impedance: 100 MHz 2000 MOhms max



Mechanical parameters:

- Frame: steel plate 1,5 mm
- Screen: shielded cover made from galvanized steel 1,0 mm
- Jack: shielded RJ45 cat.6
- Housing: thermoplastic material UL 94V-0, black colour
- Contacts material: bronze phosphoric
- Contacts: OD: 0,48 mm, covered with 50 µm of gold and 100 µm of nickel
- Contacts durability: >750 connection cycles according to norm: EN 60603-7
- IDC connectors: slotted angled connectors IDC LSA
- Wire diameter: 0,4- 0,65 mm (AWG 26-22)
- IDC durability: >200 connection cycles
- Coupler material: bronze phosphoric
- Coupler covering: 1,27 µm silver and 2,5 µm nickel
- Braiding identification: T568A and T568B

XQ100.255

Example: XR100.255 patchpanel Fibrain DATA Rapid series 6A STP 24 ports