

# Patchcord FTP

01



## Patchcord Category 6A S/FTP

**Rapid 6a**

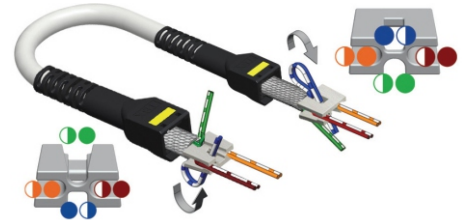
FIBRAIN DATA Structural Cabling Rapid Series, fully satisfies the requirements of cat. 6A (class EA) in accordance with standards ISO/IEC 11801 2nd Ed. Am. 1, ANSI/TIA/EIA 568-B-2.1 as well as EN 50173-1: 2002 Am.1. Moreover all components of the transmission line complete ROHS 2002/95/WE Directive.

### Characteristics:

- possibility of making a dedicated solution (creation scheme) in order to manage the physical layer infrastructure,
- performed by Fibrain using the reserved components to ensure full compliance with the mechanical requirements of ANSI / ICEA S-102-732-2009,
- execution for maximum twisting pairs ensures full compliance with the requirements of the dynamic parameters of the permanent link or channel transmission in accordance with ISO / IEC 11801:2011, EN 50173:2011,
- made of durable components to ensure the number of cycles according to IEC 60603-7-x, TIA 568-C.2,
- plugs which maintain the natural cable bend radius,
- a clear indication of the manufacturer of structured cabling system to use a consistent solution,
- Plugs with the technology of "X" separator,
- plugs with comb separator of wires .
- made of Category 7 cables (up to 900 MHz bandwidth), stranded copper wire, FR-LSZH sheath (*ang. Fire Resistand - Low Smoke Zero Halogen*)

### Application:

- used in user connection point,
- connection with consolidation point,
- equipment of Data Center and consolidation point,
- part of a complete transmission channel.



System of plug termination ensures the separation of pairs of transmission from the end of outer sheath in a technology of the "X" separator - to improve the crosstalk.

**Capacities -** The attached table shows the scheme of creation a custom patch cables

| XRP | Length  | Shield    | Installation | Connections   | Cable colors  | Plug colors  | Boot colors  | Icon colors  | Grommet colors   |
|-----|---|-----------|--------------|---|---|--|--|--|--|
|     | 005 - 0,5 m<br>010 - 1 m<br>100 - 10 m<br>...<br>990 - 99 m | 4 - S/FTP | 1 - crimped  | 0 - cross<br>1 - straight T568A<br>2 - straight T568B | OR - orange<br>Y - yellow<br>GR - green<br>GY - grey<br>BL - blue<br>BK - black<br>R - red<br>W - white | 0 - white<br>1 - white TR<br>2 - black TR<br>3 - red<br>4 - blue<br>5 - orange<br>6 - green<br>7 - turquoise | 0 - white<br>1 - white TR<br>2 - black TR<br>3 - red<br>4 - blue<br>5 - orange<br>6 - green<br>7 - turquoise | 0 - white<br>1 - white TR<br>2 - black TR<br>3 - red<br>4 - blue<br>5 - orange<br>6 - green<br>7 - turquoise | 0 - white<br>1 - white TR<br>2 - black TR<br>3 - red<br>4 - blue<br>5 - orange<br>6 - green<br>7 - turquoise |

**Ordering Information -** The attached table shows typical performance of Patchcord cables

| Length | Stranded copper wire, cat. 7 900MHz, FR-LSZH sheath - Cable colors |                  |                  |                  |
|--------|--|------------------|------------------|------------------|
|        | Yellow   | Green            | Grey             | Blue             |
| 0,5 m  | XRP005.412Y7262  | XRP005.412GR7262 | XRP005.412GY7262 | XRP005.412BL7262 |
| 1 m    | XRP010.412Y7262  | XRP010.412GR7262 | XRP010.412GY7262 | XRP010.412BL7262 |
| 2 m    | XRP020.412Y7262  | XRP020.412GR7262 | XRP020.412GY7262 | XRP020.412BL7262 |
| 3 m    | XRP030.412Y7262  | XRP030.412GR7262 | XRP030.412GY7262 | XRP030.412BL7262 |
| 5 m    | XRP050.412Y7262  | XRP050.412GR7262 | XRP050.412GY7262 | XRP050.412BL7262 |
| 10 m   | XRP100.412Y7262  | XRP100.412GR7262 | XRP100.412GY7262 | XRP100.412BL7262 |