

# Patchcord cat. 6 UTP

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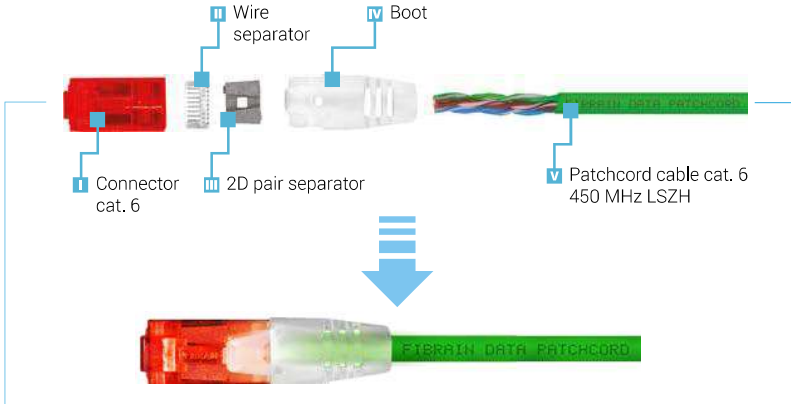
Proper selection of components has huge impact on stable operation of **structured cabling system**, especially in office environment, where these elements are exposed to end-users. The users do not always have necessary knowledge in terms of potential dangers of the system, which can cause breaks in transmission.

**Patchcord cables** are the key elements of the system. Bearing in mind users of FibrainDATA system- we decided to design the new connector from scratch - from a design until the mechanic termination in our **Manufacturing Center in Zaczermie**.



## Patchcord cat. 6 UTP

Manufacturing technology



## ! UTP Distinctive features



Bending radius reduction system



Cable frequency > cat. 6+



10Gbps bandwidth



2D Cross technology

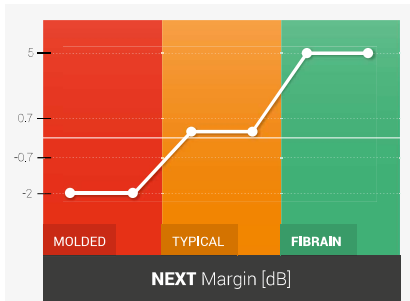
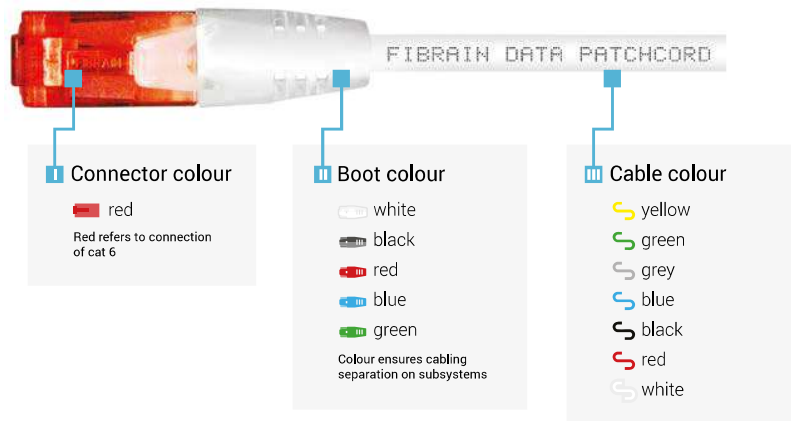
## ❖ Applications

- Connection to a user's point
- Connection to a consolidation's point
- Supplied in Data Center and consolidation points
- Complete transmission channel



## Identification system

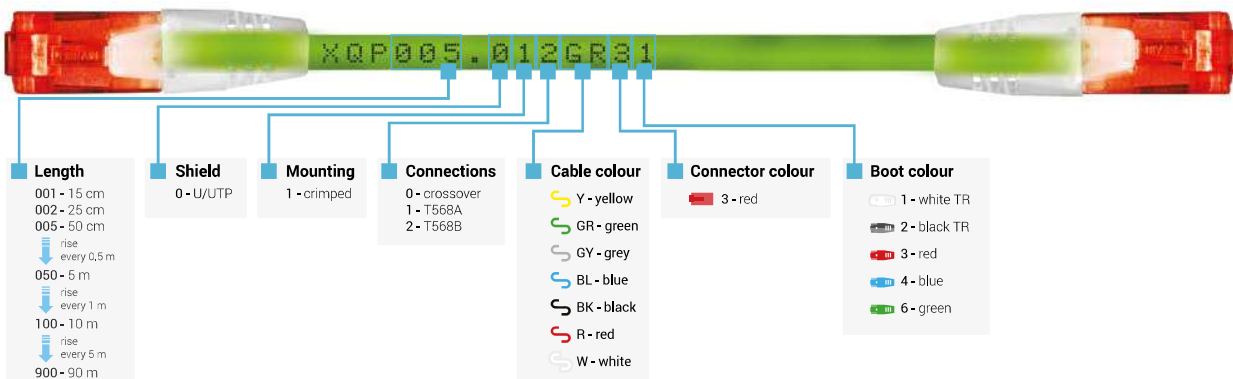
III cable identification steps



Advanced system of connector's termination with pair separation system from a place of outer jacket- improved dynamic parameters




## Manufacturing possibilities







## Manufacturing

### STANDARDS

Cable colour	Length	
 yellow	0.5 m	XQP005.012Y31
	1 m	XQP010.012Y31
	2 m	XQP020.012Y31
	3 m	XQP030.012Y31
	5 m	XQP050.012Y31
	10 m	XQP100.012Y31


Cable colour	Length	
 green	0.5 m	XQP005.012GR31
	1 m	XQP010.012GR31
	2 m	XQP020.012GR31
	3 m	XQP030.012GR31
	5 m	XQP050.012GR31
	10 m	XQP100.012GR31

Cable colour	Length	
 white	0.5 m	XQP005.012W31
	1 m	XQP010.012W31
	2 m	XQP020.012W31
	3 m	XQP030.012W31
	5 m	XQP050.012W31
	10 m	XQP100.012W31

Cable colour	Length	
 grey	0.5 m	XQP005.012GY31
	1 m	XQP010.012GY31
	2 m	XQP020.012GY31
	3 m	XQP030.012GY31
	5 m	XQP050.012GY31
	10 m	XQP100.012GY31

Cable colour	Length	
 blue	0.5 m	XQP005.012BL31
	1 m	XQP010.012BL31
	2 m	XQP020.012BL31
	3 m	XQP030.012BL31
	5 m	XQP050.012BL31
	10 m	XQP100.012BL31

Cable colour	Length	
 black	0.5 m	XQP005.012BK31
	1 m	XQP010.012BK31
	2 m	XQP020.012BK31
	3 m	XQP030.012BK31
	5 m	XQP050.012BK31
	10 m	XQP100.012BK31

Cable colour	Length	
 red	0.5 m	XQP005.012R31
	1 m	XQP010.012R31
	2 m	XQP020.012R31
	3 m	XQP030.012R31
	5 m	XQP050.012R31
	10 m	XQP100.012R31

### Features

- Possibility of performing specifically designed solution to manage the infrastructure on a physical structure
- Made by Fibrain with the use of patented components which comply with all necessary mechanical norms in ANSI/ICESA S - 102-732-2009
- Twisted cable pairs ensure full compatibility with dynamic parameters for the dedicated line and transmission channel in accordance with ISO/IEC 11801:2011, EN501732011
- Durable elements ensure a number of cycles in accordance with IEC 60603-7-x, TIA/EIA 568-0.2
- Clear marking elements of structured cabling system in order to use a solid system,
- 2D pair separator
- Wire separator