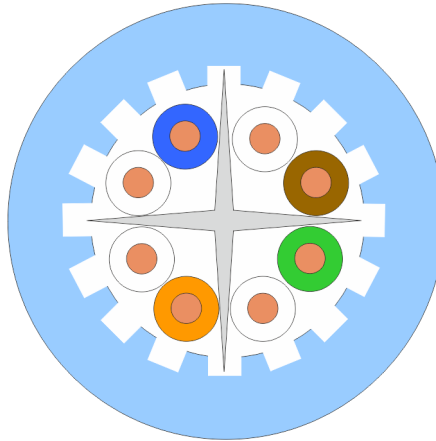


## Product Information

BKT 505 cat. 6<sub>A</sub> U/UTP installation cable

Card No.: PI\_BKT505 U/UTP\_01.17



## Application

Primary (Campus), Secondary (Riser), Tertiary (Horizontal)  
IEEE 802.3: 10BASE-T, 100BASE-T, 1000BASE-T, 2.5GBASE-T, 5GBASE-T, 10GBase-T  
IEEE 802.5: 16MB, ISDN, FDDI, ATM  
Power over Ethernet (PoE / PoE+)

## Standards

- EN 50173-1
- EN 50288-11-1
- EN 50399
- EN 50575
- ISO/IEC 11801
- IEC 61156-5
- ANSI/TIA-568-C.2
- IEEE 802.3.at

## Flame Resistance

LSHF (LSOH, FRNC): IEC 60332-1, IEC 61034, IEC 60754-2

CPR: Class Eca - EN 50399, EN 50575

## Product Information

BKT 505 cat. 6<sub>A</sub> U/UTP installation cable

Card No.: PI\_BKT505 U/UTP\_01.17

## Construction

<b>Conductor</b>	Bare copper wire $\varnothing$ 0,6mm (AWG 23)
<b>Insulation</b>	Polyethylene $\varnothing$ 1,1mm
<b>Twisting</b>	2 cores to the pair
<b>Cable lay up</b>	4 pairs to the core separated with non metallic cross separator (spline)
<b>Sheath</b>	LSHF (LSOH, FRNC) blue RAL 5024

## Mechanical Properties

Bending radius	installation	4 x D
	installed	8 x D
Temperature range	during operation	-20°C to +60°C
	during installation	0°C to +50°C

## Technical Data

Product code	Cable type	Product name	Outer diameter (mm)	Fire load (MJ/km)	Fire load (kWh/m)	Weight (kg/km)	Tensile force (N)	NVP (%)
10157415.500	J-2YH 4x2x0.6	Cable U/UTP LSHF cat. 6A BKT 505 wire blue 23 AWG	8,8	1040	0,289	80	100	65