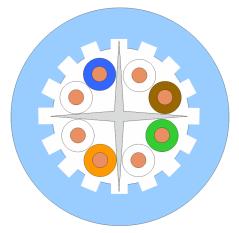


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Class E<sub>A</sub> System / cat. 6<sub>A</sub> - 500MHz, unshielded

#### **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

• IEEE 802.3.at

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

#### **Flame Resistance**

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

CPR: Class Eca - EN 50399, EN 50575



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Class E<sub>A</sub> System / cat. 6<sub>A</sub> - 500MHz, unshielded

## **Product Information**

BKT 505 cat.  $6_A$  U/UTP installation cable

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

## Construction

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

### **Mechanical Properties**

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

### **Technical Data**

Product code	Cable type	Product name	Outer diameter (mm)		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

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