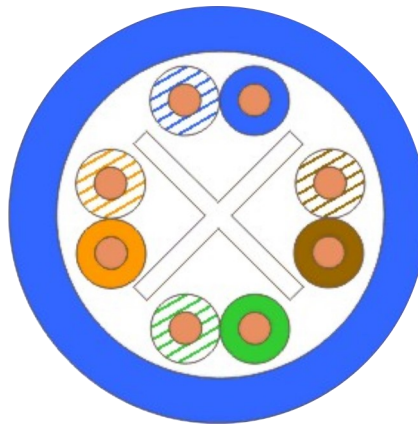


## Product Information

BKT 405 cat. 6 U/UTP installation cable

Card No.: PI\_BKT 405 UUTP cat.6 Dca\_01.19



## Application

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

## Standards

- EN 50173-1
- EN 50288-6-1
- EN 50399
- EN 50575
- ISO/IEC 11801-1
- IEC 61156-5
- ANSI/TIA-568.2
- IEEE 802.3af/at/bt

## Flame Resistance

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

CPR: Class Dca -s2,d2,a1

EN 50399, EN 50575

## Product Information

BKT 405 cat. 6 U/UTP installation cable

Card No.: PI\_BKT 405 UUTP cat.6 Dca\_01.19

## Construction

Conductor	Bare copper wire $\varnothing$ 0,54 mm (AWG23)
Insulation	Polyethylene $\varnothing$ 0,95 mm
Twisting	2 cores to the pair
Cable lay up	4 pairs to the core, non metallic cross separator (spline)
Sheath	LSHF (LSOH, FRNC) blue RAL 5012

## 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

## Electrical Properties

Nominal Velocity of Propagation	NVP	67 %
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## Useful Properties

Fire Load	316 MJ/km	0,087 kWh/m
Tensile force	100 N	

## Technical Data

Product code	Cable type	Product name	Declaration of Performance (DoP)	Outer diameter (mm)	Weight (kg/km)
1015C4104.500	J-2YH 4x2x0.54	Cable U/UTP LSHF cat.6 BKT 405 wire blue Dca -s2,d2,a1	11213344	5,3	36