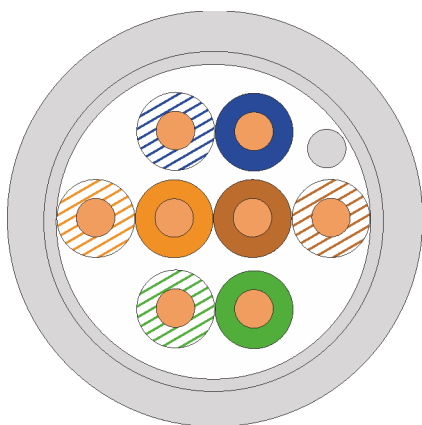


## Product Information

BKT 285 cat. 5e F/UTP installation cable

Card No.: PI\_BKT 285 FUTP cat.5e Dca\_01.19



## Application

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

## Standards

- EN 50173-1
- EN 50288-2-1
- 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,d1,a1

EN 50399, EN 50575

## Product Information

BKT 285 cat. 5e F/UTP installation cable

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## Construction

Conductor	Bare copper wire $\varnothing$ 0,51 mm (AWG24)
Insulation	Polyethylene $\varnothing$ 1,1 mm
Twisting	2 cores to the pair
Cable lay up	4 pairs to the core
Screen	Al-laminated plastic foil, drain wire AWG 26 tinned
Sheath	LSHF (LSOH, FRNC) grey RAL 7035

## 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	415 MJ/km	0,115 kWh/m
Tensile force	100 N	

## Technical Data

Product code	Cable type	Product name	Declaration of Performance (DoP)	Outer diameter (mm)	Weight (kg/km)
101505002.305	J-02Y(St)H 4x2x0.51	Cable F/UTP LSHF cat.5e BKT 285 wire grey 24AWG Dca -s2,d1,a1	<b>TBD</b>	5,9	38