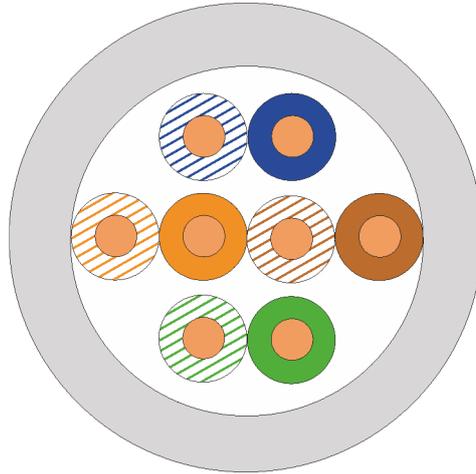


Product Information

BKT 275 cat. 5e U/UTP installation cable

Card No.: PI_BKT 275 UUTP 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 50288-3-1
- 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

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Card No.: PI_BKT 275 UUTP cat.5e Dca_01.19

Construction

Conductor	Bare copper wire \varnothing 0,5 mm (AWG24)
Insulation	Polyethylene \varnothing 0,9 mm
Twisting	2 cores to the pair
Cable lay up	4 pairs to the core
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	336 MJ/km	0,093 kWh/m
Tensile force	100 N	

Technical Data

Product code	Cable type	Product name	Declaration of Performance (DoP)	Outer diameter (mm)	Weight (kg/km)
101504004.305	J-2YH 4x2x0.5	Cable U/UTP LSHF cat.5e BKT 275 wire grey 24AWG Dca -s2,d2,a1	TBD	5,1	36