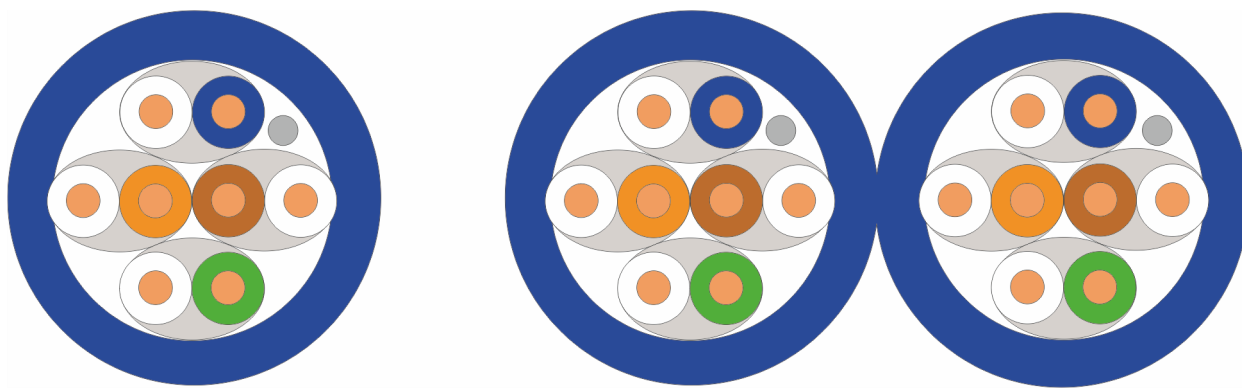


Product Information

BKT 455 cat. 6 U/FTP installation cable

Card No.: PI_BKT 455 UFTP cat.6_02.18



Eca
CPR

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+)

Standards

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

Flame Resistance

PVC: IEC 60332-1

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

CPR: Class Eca - EN 50399, EN 50575

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Product Information

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Card No.: PI_BKT 455 UFTP cat.6_02.18

Construction

Conductor	Bare copper wire $\varnothing$ 0,56mm (AWG 23)
Insulation	Polyethylene $\varnothing$ 1,4mm
Twisting	2 cores to the pair
Cable lay up	4 pairs to the core
Screen	Al-laminated foil around each pair, drain wire AWG 26 tinned
Sheath	PVC alt. 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

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 (%)
10151515.500	J-02YS(St)Y 4x2x0.5	Cable U/FTP PVC cat. 6 BKT 455 wire blue 23 AWG	7,3	496	0,138	48	100	75
10151503.500	J-02YS(St)H 4x2x0.5	Cable U/FTP LSHF cat. 6 BKT 455 wire blue 23 AWG	7,3	732	0,203	48	100	75
10151503.500D	J-02YS(St)H 2x(4x2x0.5)	Cable U/FTP LSHF cat. 6 BKT 455 DUPLEX wire blue 23 AWG	7,3 x 15,5	1464	0,407	96	200	75