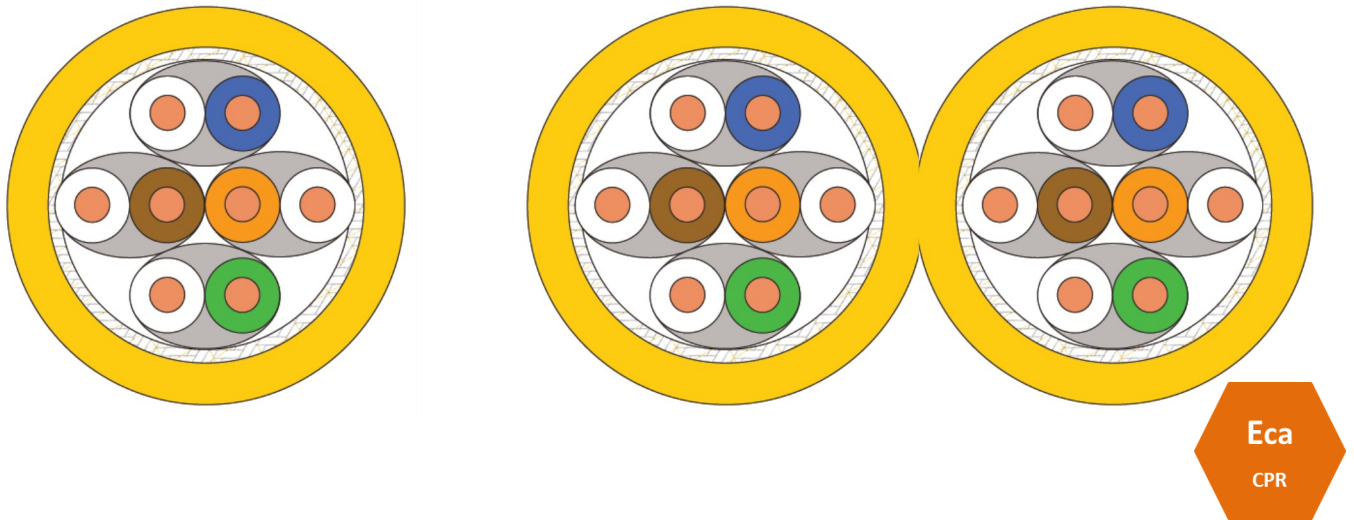


Product Information

BKT 695 S/FTP cat. 7 installation cable



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, TPDDI, ATM
Power over Ethernet (PoE / PoE+)

Standards

- EN 50173-1
- EN 50288-4-1
- EN 50399
- EN 50575
- ISO/IEC 11801
- IEC 61156-5
- IEEE 802.3at

Flame Resistance

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

CPR: Class Eca - EN 50399, EN 50575

Product Information

BKT 695 S/FTP cat. 7 installation cable

Construction

Conductor	Bare copper wire \varnothing 0,56 mm (AWG 23)
Insulation	Foamskin Polyethylene \varnothing 1,3 mm
Twisting	2 cores to the pair
Pair screen	Al-laminated plastic foil
Cable lay up	4 pairs (PiMF) to the core
Screen	Copper braid, tinned
Sheath	LSHF (FRNC, LSOH) yellow 1021

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 (%)
10154610.500	J-02YSCH 4x2x0,56 PiMF	Cable S/FTP FRNC cat.7 BKT 695 wire yellow 23AWG	6,9	585	0,163	50,2	100	75
10154610.500D	J-02YSCH 2x(4x2x0,56) PiMF	Cable S/FTP FRNC cat.7 BKT 695 DUPLEX wire yellow 23AWG	6,9 x 13,8	1170	0,325	100,4	100	75