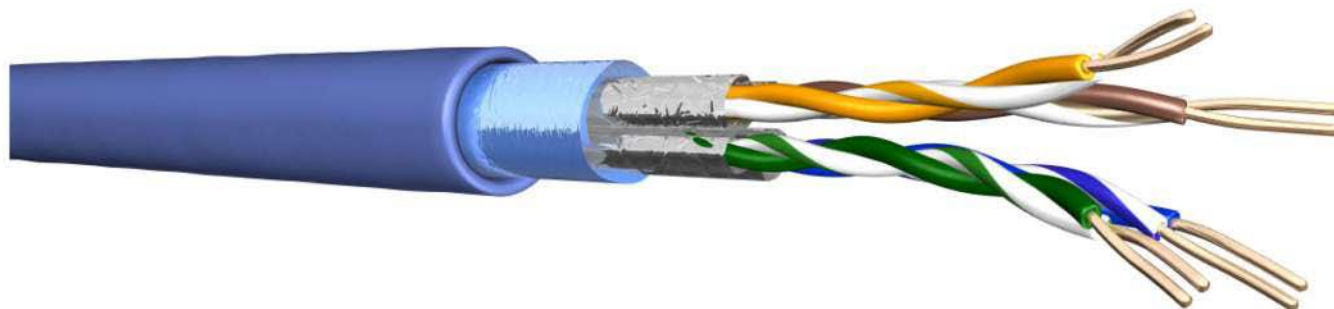


S/FTP Cat.6A LS0H 500MHz



Application

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

Standards

EN 50173-1; EN 50288-10-1
 ISO/IEC 11801; IEC 61156-5
 TIA/EIA-568-B.2
 IEEE 802.3at

Flame resistance

EN 50399: Class D_{ca} s2d2a1
 LSHF D_{ca}: IEC 60332-1; IEC 60754-2; IEC 61034

Construction

Conductor	bare copper wire Ø 0.56 mm (AWG23/1)
Insulation	Foamskin Polyethylene, Ø 1.35 mm
Stranding	2 cores to the pair
Pair screen	High Performance FTP: Al-laminated plastic foil, patented wrapping of two pairs each
Cable lay up	4x2 pairs to the core
Screen	Advanced screen: Al-laminated plastic foil, drain wire AWG26 tinned
Sheath	LSHF Dca , blue RAL 5024 Duplex sheath: two cables parallel, separable

Mechanical properties

Bending radius	without load	4 x D
	with load	8 x D
Temperature range	during operation	-20°C to + 60°C
	during installation	0°C to + 50°C