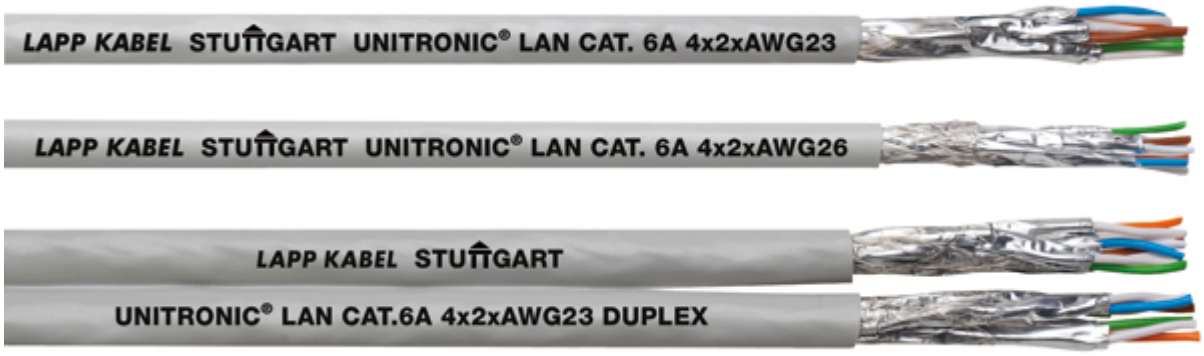
Product Description

LAN cable for "Structured Cabling" - Class EA



RoHS

Application range

- Mainly used where the terminal density is very high, e.g. for wiring office, administration and development buildings in the tertiary area (floor wiring).

Benefits

- LAN cable for "Structured Cabling" - Class EA

Approvals (Norm references)

- LAN CAT.6a cables from Lapp Kabel for "Structured cabling systems" meet the requirements in accordance with EIA/TIA-568 and TSB36 as well as ISO/IEC 11801 or EN 50173 (Class D).
- Class EA corresponds to CAT.6a

Product features

- Cables with auxiliary -H = halogen-free version
- Cable length in tertiary area (horizontal area, floor) should not exceed a length of 100 m in accordance with the ISO/IEC 11801 and EN 50173 standards (90 m in cable duct + 10 m in working area)
- The impedance of these cables is 100 Ohm +/-15%

Technical Data

Characteristic impedance
100 Ohm +- 15%

Article List

Part number	Article designation	Paarzahl und AWG je Leiter	Outer diameter in mm max.	Copper index kg/km	Weight kg/km
PVC version					
2170143	STP/S PiMF 500 MHz CAT.6a	4 x 2 x AWG23/1	7,1	27.0	53
2170144	STP/S PiMF 500 MHz CAT.6a (flexible for patchcable)	4 x 2 x AWG26/7	6,5	21.0	40
2170145	STP/S PiMF 500 MHz CAT.6a DUPLEX	2 x (4 x 2 x AWG23/1)	7,1 x 14,6	54.0	106
Halogen-free versions					
2170147	STP/S-H PiMF 500 MHz CAT.6a	4 x 2 x AWG23/1	7,1	27.0	53
2170148	STP/S-H PiMF 500 MHz CAT.6a (flexible for patchcable)	4 x 2 x AWG26/7	6,5	21.0	40
2170149	STP/S-H PiMF 500 MHz CAT.6a DUPLEX	2 x (4 x 2 x AWG23/1)	7,1 x 14,6	54.0	106

Footnote:
Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: Coil 100 m; Drum (500; 1000) m
CAT.6a is at present a draft
More detailed data sheet on request. Please specify the required type.
Photographs are not to scale and do not represent detailed images of the respective products.