

Product Description

LAN cables for structured cabling - Class F



Application range

- LAN CAT.7* cable for high speed networks (e.g. Gigabit-ETHERNET). They exceed the requirements according to EIA/TIA-568 and TSB36 as well as ISO/IEC 11801 or EN 50173 (Class D).

Benefits

- LAN cables for structured cabling - Class F

Design

- Shielded Twisted Pair / Screened PIMF
- 4 individually screened pairs (aluminium foil) with overall screening (copper braid)
- Solid conductor

Approvals (Norm references)

- Class F in standard corresponds to CAT.7

Product features

- 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)
- All STP/STP PiMF cables: characteristic impedance 100 Ohm \pm 15 %.
- LAN CAT-7* cables are specified up to 600 MHz



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
Halogen-free versions					
2170614	STP/S-H PiMF 600 MHz CAT.7*	4 x 2 x AWG23/1	7,9	29.0	78
2170634	STP/S-H PiMF 600 MHz CAT.7* DUPLEX	2 x (4 x 2 x AWG23/1)	7,9 x 16,8	58.0	156

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

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

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.