

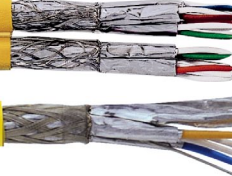


New

## UNITRONIC® LAN 1200 S/FTP Cat.7<sub>A</sub>

LAPP KABEL STUÏTGART UNITRONIC® LAN 1200 S/FTP Cat.7<sub>A</sub> DUPLEX

LAPP KABEL STUÏTGART UNITRONIC® LAN S/FTP 1200 MHz Cat.7<sub>A</sub>



Info

- Complies with the EN 50173 and ISO/IEC 11801 standards

### Benefits

- LAN cables for structured building cabling according to EN 50173 and ISO/IEC 11801

### 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).
- 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)

### Product features

- Transfer of digital and analogue data signals
- The cable is specified for up to 1.2 GHz
- IEEE 802.3: 10/100/1000Base-T, 10GBase-T
- IEEE 802.5: ISDN; FDDI; ATM; cable sharing
- IEEE 802.3at: suitable for PoE

### Norm references / Approvals

- LAN Cat.7<sub>A</sub> 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 F<sub>A</sub> - permanent link).
- Exceeds the requirements of EN 50173 and ISO/IEC 11801 standards

### Product make-up

- Solid bare copper wire AWG22
- Cellular polyolefin core insulation, max. core diameter 1.6 mm
- Pair screen made of aluminium-lined plastic foil, overall screening made of tinned-copper braiding
- Outer sheath: halogen-free, flame-retardant compound
- Colour: yellow (RAL 7032)

### Technical data



#### Minimum bending radius

during installation: 8 x outer diameter  
Fixed installation: 4 x outer diameter



#### Temperature range

Operating temperature: -20°C to +60°C  
During installation: 0 °C to +50 °C



#### Characteristic impedance

100 Ohm +/- 15%

| Article number | Article designation                       | Number of pairs and AWG per conductor | Outer diameter (mm) | Copper index (kg/km) | Weight (kg/km) |
|----------------|---|---------------------------------------|---------------------|----------------------|----------------|
| 2170615        | 1200 S/FTP Cat.7 <sub>A</sub> LSZH        | 4 x 2 x AWG22/1                       | 8.1                 | 34.0                 | 66             |
| 2170618        | 1200 S/FTP Cat.7 <sub>A</sub> LSZH duplex | 4 x 2 x AWG22                         | 16.3                | 68.0                 |                |

Copper price basis: EUR 150/100kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: Drum

Detailed data sheets are available upon request. Please specify the type/dimensions of the required cable.

Photographs are not to scale and do not represent detailed images of the respective products.

### Accessories

- Multipurpose shears A and B refer to page 907
- DATA STRIP stripping tool refer to page 911