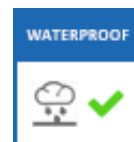




Suitable for outdoor use and direct burial; UV-resistant longitudinally and laterally watertight; LAN cables for structured building cabling according to EN 50173 and ISO/IEC 11801

- Data cable for primary, secondary and tertiary cabling with PE outer sheath for outdoor applications
- Suitable for direct burial



## Product description

### Application range

- For outdoor use
- Suitable for direct burial
- 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)

### Benefits

- Suitable for outdoor use and direct burial
- UV-resistant longitudinally and laterally watertight
- LAN cables for structured building cabling according to EN 50173 and ISO/IEC 11801

### Product Make-up

- S/FTP: copper braid as overall screening and pair screening with aluminium compound foil

- Solid conductor
- Core insulation: foamed polyolefin
- PE outer sheath
- Colour: black (RAL 9005)

## Norm references / Approvals

- LAN Cat.7 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 - permanent link).

## Product features

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

## Technical Data

Minimum bending radius

During installation: 10 x outer diameter

Temperature range

Fixed installation: 4 x outer diameter

During installation: -15 °C to +60 °C

Characteristic impedance

Operation: -40 °C to +70 °C

100 Ohm +- 15%