

UNITRONIC® LAN OUTDOOR

Fixed installation

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



Suitable for outdoor use



Interference signals



Waterproof

Info

Data cable for primary, secondary and tertiary cabling with PE outer sheath for outdoor applications

Suitable for direct burial

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)

Product Make-up

Solid conductor

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

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

Fixed installation: 4 x outer diameter

Temperature range:

During installation: -15 °C to +60 °C

Operation: -40 °C to +70 °C

Characteristic impedance:

100 Ohm +- 15%

UNITRONIC® LAN OUTDOOR

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil 100 m; Drum (500; 1000) m

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.



UNITRONIC® LAN OUTDOOR

Part number	Article designation	Number of pairs and AWG per conductor	Max. outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
Suitable for direct burial					
2170198	1000 S/FTP Cat.7 (L)PE	4 x 2 x AWG23/1	10.0	34.0	90
Suitable for direct routing underground, not transversely waterproof					
2170197	1000 S/FTP Cat.7 PE	4 x 2 x AWG23/1	9,6	34.0	75