

## UNITRONIC® LAN OUTDOOR

Ethernet cable for Category 7/ class F - verified up to 1000 MHz, for outdoor applications and direct burial

The data cable for primary, secondary and tertiary cabling is suitable for outdoor use, is intended for direct underground installation in particular and is UV-resistant.

### Info

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



Waterproof



Interference signals



Suitable for outdoor use

### Benefits

Suitable for outdoor use and direct burial

UV-resistant and transversally watertight

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

### 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 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

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## UNITRONIC® LAN OUTDOOR

### 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 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)

### Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000830 ETIM 6.0 Class-Description: Data cable
Minimum bending radius:	During installation: 10 x outer diameter Fixed installation: 4 x outer diameter
Mean characteristic Impedance:	100 $\Omega$ $\pm$ 15%
Temperature range:	During installation: -15 °C to +60 °C Operation: -40 °C to +70 °C

### 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](http://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 and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.



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Article number	Article designation	Number of pairs and AWG per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
Suitable for direct routing underground, not transversely waterproof					
2170198	1000 S/FTP Cat.7 (L)PE	4 x 2 x AWG23/1	10	34	90
Suitable for direct burial					
2170197	1000 S/FTP Cat.7 PE	4 x 2 x AWG23/1	9.6	34	75

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