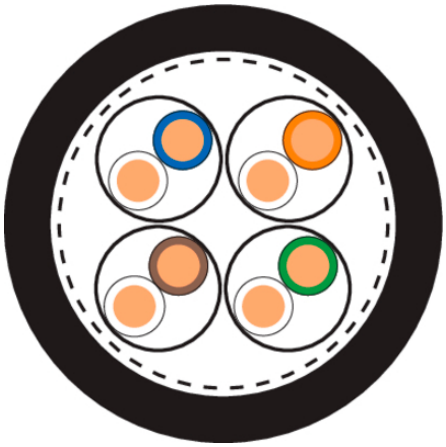
UNITRONIC® LAN OUTDOOR

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

Data cable for Category 7/ class F - suitable for outdoor use







Suitable for outdoor use

Interference signals

UV-resistant

Waterproof

Benefits

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

Application range

For outdoor use
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
Backward compatible

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 4x2xAWG23/1

Last Update (21.02.2024)
©2024 Lapp Group - Technical changes reserved
Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

UNITRONIC® LAN OUTDOOR

Core insulation: PE
S/FTP: copper braid as overall screening and pair screening with aluminium compound foil
Outer sheath: PE, black
(L)PE additional with aluminum tape

Technical Data

Classification ETIM 6:	ETIM 6.0 Class-ID: EC000830 ETIM 6.0 Class-Description: Data cable
Minimum bending radius:	Fixed installation: 4 x outer diameter during installation: 8 x outer diameter
Characteristic impedance:	100 Ω ± 15%
Temperature range:	During installation: -10 °C to +50 °C Fixed installation: -30 °C to +70 °C

Note

Packaging size: Drum
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.

©2024 Lapp Group - Technical changes reserved

LAPP

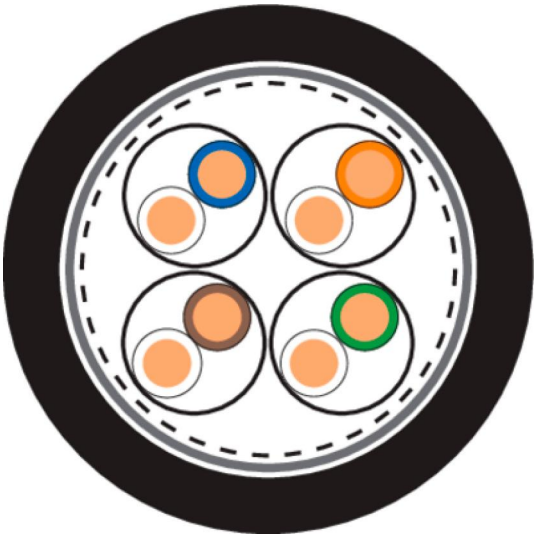
UNITRONIC® LAN OUTDOOR

PRODUCT INFORMATION

Article number	Article designation	Number of pairs and AWG per conductor	Core diameter in mm	Outer diameter mm	Colour	Copper index (kg/km)	Weight (kg/km)
For outdoor applications							
2170978	ETHERLINE® LAN Cat.7 S/FTP 4x2AWG23 PE	4 x 2 x AWG23/1	1.3	7.7	black	24	48
Suitable for direct routing underground, transversely waterproof							
2170977	ETHERLINE® LAN Cat.7 S/FTP 4x2AWG23 (L)PE	4 x 2 x AWG23/1	1.3	9.6	black	24	77

Last Update (21.02.2024)
©2024 Lapp Group - Technical changes reserved
Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

UNITRONIC® LAN OUTDOOR



Last Update (21.02.2024)
©2024 Lapp Group - Technical changes reserved
Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16