UNITRONIC® LAN FLEX

Data cable for patchcable applications

The LAN cable has good flexibility and can be installed easily in restricted spaces. The cable is suitable for connection in control cabinets.

Info
Only for patch cable applications
(max. 60 m)



Halogen-free

Interference signals

Benefits
For directly connecting two electric components
Easy to assemble

Application range
Indoor applications
LAN connections
Control cabinet wiring

Product features
Good flexibility - easy installation with tight space requirements
Flame retardant acc. to IEC 60332-1-2
2170139: flame retardant acc. to IEC 60332-1-2 and IEC 60332-3-24

Product Make-up
F/UTP: foil screening as overall screening
SF/UTP: braid of tinned copper wire and plastic laminated aluminum foil as overall screening
S/FTP: copper braid as overall screening and pair screening with aluminium compound foil
outer sheath either as PVC or LSZH (color grey RAL 7035)

Technical Data

Last Update (05.01.2025)
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Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

UNITRONIC® LAN FLEX

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:	Fixed installation: 4 x outer diameter during installation: 8 x outer diameter
Mean characteristic Impedance:	100 Ω ± 15%
Temperature range:	Fixed installation: -20 °C to +60 °C Flexing: 0 °C to +50 °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
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)
PVC versions					
2170127	UNITRONIC LAN 200 F/UTP Cat.5e FLEX	4 x 2 x AWG26/7	5.6	13	28
2170129	UNITRONIC LAN 200 SF/UTP Cat.5e FLEX	4 x 2 x AWG26/7	6.0	22	36
2170144	UNITRONIC LAN 600 S/FTP Cat.7 Y FLEX	4 x 2 x AWG26/7	6.5	22	39
Halogen-free versions					
2170172	UNITRONIC LAN 200 F/UTP Cat.5eLSZH FLEX	4 x 2 x AWG26/7	5.6	13	28
2170139	UNITRONIC LAN 200 SF/UTP Cat.5eLSZH FLEX	4 x 2 x AWG26/7	6.0	22	36
2170142	UNITRONIC LAN 600 S/FTP Cat.7 LSZH Flex	4 x 2 x AWG26/7	6.2	21	40

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