



## ETHERLINE® LAN FLEX

Data cable for patchcable applications



### Info

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

### 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

**Classification ETIM 5/6**  
ETIM 5.0/6.0 Class-ID: EC000830  
ETIM 5.0/6.0 Class-Description: Data cable

**Minimum bending radius**  
during installation: 8 x outer diameter  
Fixed installation: 4 x outer diameter

**Mean characteristic Impedance**  
100 Ω ± 15%

**Temperature range**  
Operating temperature: -20°C to +60°C  
During installation: 0 °C to +50 °C

Article number	Article designation	Number of pairs and AWG per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
<b>PVC versions</b>					
2170127	200 F/UTP Cat.5e	4 x 2 x AWG26/7	5.6	13	28
2170129	200 SF/UTP Cat.5e	4 x 2 x AWG26/7	6.0	22	36
2170144	600 S/FTP CAT7 Y	4 x 2 x AWG26/7	6.5	22	39
<b>Halogen-free versions</b>					
2170172	200 F/UTP Cat.5e LSZH	4 x 2 x AWG26/7	5.6	13	28
2170139	200 SF/UTP Cat.5e LSZH	4 x 2 x AWG26/7	6.0	22	36
2170142	600 S/FTP CAT7 LSZH	4 x 2 x AWG26/7	6.2	21	40

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.  
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T 17 for the definition and calculation of copper-related surcharges.  
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.

### Accessories

- Field-Terminable Connector RJ45 CAT.5e FM45 refer to page 472
- EPIC® DATA AX RJ45 Cat.6<sub>A</sub> refer to page 459
- EPIC® DATA 90 RJ45 Cat.6<sub>A</sub> refer to page 459