



ETHERLINE® 4-pairs solidwire CAT.5e



ETHERLINE® 4-pairs flexible/high flexible CAT.5e



Benefits

- With regard to transmission rates, the “ETHERNET world” is cut into:
- ETHERNET = 10 Mbit/s
- FAST ETHERNET = 100 Mbit/s
- GIGABIT ETHERNET = 1000 Mbit/s (1Gbit/s)

Application range

ETHERLINE® 4-pairs solidwire CAT.5e

- Stationary application
- Connection with the “Fieldbus World” via gateway or straight through downwards to the Sensor-Actuator level

ETHERLINE® 4-pairs flexible/high flexible CAT.5e

- Flexible and highly flexible applications
- Connection with the “Fieldbus World” via gateway or straight through downwards to the Sensor-Actuator level

Technical data

Z_∞ Characteristic impedance
100 Ohm at 1 - 100 MHz

Approvals (Norm references)



Product Make-up

- Technical data: see detailed Data Sheet (on request)

Part number	Article designation	Number of pairs and dimensions	Outer diameter in mm max.	Copper index kg/km	Weight kg/km approx.
Conductor AWG24 + AWG26 (outer sheath colour marine blue RAL 5021) for fixed installation (solid conductor)					
2170296	ETHERLINE® H CAT.5e	4 x 2 x AWG24/1	6.3	32.0	54.0
2170297	ETHERLINE® P CAT.5e	4 x 2 x AWG24/1	6.3	32.0	62.0
2170298	ETHERLINE® H-H CAT.5e	4 x 2 x AWG24/1	6.0 / 7.5	32.0	80.0
for flexible application (7-wire stranded conductor)					
2170299	ETHERLINE® H Flex CAT.5e	4 x 2 x AWG26/7	6.1	25.0	48.0
2170300	ETHERLINE® P Flex CAT.5e	4 x 2 x AWG26/7	6.1	25.0	54.0
for high flexible applications/19 wires only for patchcords (max. 60 m)					
2170489	ETHERLINE® FD P CAT.5e	4 x 2 x AWG26/19	6.3	27.0	54.0

Copper price basis: EUR 150 / 100 kg

Our standard length, please visit: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum

Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

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