



New

ETHERLINE® Y Cat.5e BK 2x2AWG22/7



Info

- For PROFINET applications
- CAT.5-Performance

Benefits

- UV and weather-resistant in black
- For PROFINET applications type B
- Can be used in dry or damp rooms

Application range

- Many applications with Industrial Ethernet, e.g. PROFINET type B, i.e. fixed installation and flexible use.
- Suitable for EtherCAT and EtherNet/IP applications
- 2pair: 10/100 Mbit/s for Industrial Ethernet

Product features

- PVC compound TM2 acc. to EN 50363-4-1
- Resistant to acids, alkalis and certain oils at room temperature
- Flame retardant acc. to IEC 60332-1-2
- CAT.5-Performance

Product make-up

- Stranded conductor, 7-wire, bare
- Core insulation: Based on Polyolefin
- Colour-coded in accordance with PROFINET for Cat.5 applications
- Star quad
- Overall screening with copper braid and plastic-laminated aluminium foil
- PVC outer sheath, black

Technical data



Peak operating voltage

(not for power applications) 125 V



Minimum bending radius

Fixed installation: 10 x outer diameter
Flexing: 15 x outer diameter



Test voltage

Core/core: 1000 V
Core/screen: 500 V



Temperature range

Flexing: -10°C to +70°C
Fixed installation: -40°C to +80°C



Characteristic impedance

100 ± 15 Ohm (> 1 MHz)

Article number	Article designation	Number of pairs and AWG per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
2170901	ETHERLINE® Y CAT.5e BK 2x2xAWG22/7	2 x 2 x AWG22/7	6.2	30.4	59

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

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Photographs are not to scale and do not represent detailed images of the respective products.

Similar products

- ETHERLINE® PN FLEX refer to page 398

Accessories

- Connector RJ45 Cat.5e for Profinet refer to page 423
- BUS M12 connectors that can be assembled
- Easy connect rail mount adapter Cat.6A refer to page 437
- DATA STRIP stripping tool refer to page 911