

Product Description

ETHERNET with the globally accepted TCP/IP protocol will most probably either provide a connection to the established "Fieldbus World" or the Sensor-Actuator level. Either via a gateway to the "Fieldbus World" or straight through downwards to the lowest communication level. The transmission rates are presently either 10 Mbit/s (ETHERNET) or at least 100 Mbit/s = LAN CAT.5 requirements (Fast Ethernet = Industrial Ethernet) respectively CAT.6a or CAT.7 requirements.;CAT.6a = 500 MHz;CAT.7 = 600 MHz



Benefits

- ETHERNET with the globally accepted TCP/IP protocol will most probably either provide a connection to the established "Fieldbus World" or the Sensor-Actuator level. Either via a gateway to the "Fieldbus World" or straight through downwards to the lowest communication level. The transmission rates are presently either 10 Mbit/s (ETHERNET) or at least 100 Mbit/s = LAN CAT.5 requirements (Fast Ethernet = Industrial Ethernet) respectively CAT.6a or CAT.7 requirements.
- CAT.6a = 500 MHz
- CAT.7 = 600 MHz

Product features

- All ETHERLINE® cables with a cross section of AWG22 are PROFINET® compliant.
- Colour: green (similar to RAL 6018)
- Further technical data: see Data Sheet



Technical Data

Characteristic impedance

100 Ohm at 1 - 100 MHz

Article List

Part number	Article designation	Paarzahl und AWG je Leiter	Outer diameter in mm max.	Copper index kg/km	Weight kg/km
Conductor AWG22 = PROFINET-conform (outer sheath colour yellow-green RAL 6018) for fixed installation (solid conductor) = Type A					
2170464	ETHERLINE® Y PiMF CAT.6a	4 x 2 x AWG22/1	8,7	53.0	98
2170465	ETHERLINE® P PiMF CAT.6a	4 x 2 x AWG22/1	8,7	53.0	91
2170466	ETHERLINE® H PiMF CAT.6a	4 x 2 x AWG22/1	8,7	53.0	99
2170474	ETHERLINE® Y PiMF CAT.7	4 x 2 x AWG22/1	8,7	53.0	98
2170475	ETHERLINE® P PiMF CAT.7	4 x 2 x AWG22/1	8,7	53.0	91
2170476	ETHERLINE® H PiMF CAT.7	4 x 2 x AWG22/1	8,7	53.0	99

Footnote:

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: 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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