

ETHERLINE® Cat.6A FD FC

Highly flexible 26 AWG Ethernet cable with Fast-Connect connection for permanently moving use in drag chains and short transmission distances.

CAT.6_A qualified for 10Gbit/s



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The Fast Connect construction including inner sheath and separating cross significantly reduces the cable's assembly time, as the time-consuming removal of the pair shielding is no longer necessary. In addition, it offers undiminished shielding of the wire

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pairs from each other.

Additional protection against electromagnetic interference through double overall shielding made of aluminium-laminated foil and copper shielding braid with a high degree of coverage (SF/UTP).

UL certification according to technical data enables the use of the product in the North American region.

Available with robust PVC outer sheath or abrasion-resistant PUR outer sheath.

For transmission of analogue and digital signals in the frequency range up to 500 MHz.

Cable design allows highly flexible, continuously moving use in moving machine parts and in the drag chain.

Successfully tested for over 1 million bending cycles in the drag chain.

Usable in dry, damp and wet environments.

Usable in a variety of ways depending on the sheath material.

가 CAT.6A, 10Gbit/s
CAT.6A, ISO/IEC 11801 EN 50173

가 PVC

가

AWM

7-가

: PE

:

SF / UTP :

PUR PVC ()

: (RAL 6018)

ETIM 5:

:

:

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ETIM 5.0 Class-ID: EC000830

ETIM 5.0 Class- :

() 125 V

: 15 x

: 4 x

100 IEC 61156-6

PVC: -40°C bis +80°C

PUR: -40°C bis +80°C

Flexing:

PVC: -25 °C up to +70 °C

PUR: -30 °C up to +50 °C

PROFINET® PNO (PROFIBUS

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data sheet

PN 0456 / 02_03.16



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| Article number | | AWG | (mm) | mm | (kg/km) | (kg/km) |
|----------------|------------------------------|--------------|------|-----|---------|---------|
| 2170592 | ETHERLINE® Cat.6A P FD FC | 4x2x26/19AWG | 1.04 | 8.8 | 44 | 95 |
| 2170593 | ETHERLINE® Cat.6A Y FD FC | 4x2x26/19AWG | 1.04 | 8.8 | 44 | 105.1 |

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