

SILIFLON® CN5YS and A5YS

VDE approval
-90 °C to +250 °C

Approvals - standards

- VDE approval as per standard DIN VDE 0250 Part 106 - Licence no. 40005809.



Applications

- Cabling in household electrical appliances, electronics.
 - Lighting, lights
- Cabling in hot or very cold environments (cryogenics).
 - Cabling in aggressive environments (humidity, chemicals, etc.).
 - Cabling requiring compact size and excellent mechanical strength.

Options

- Other colours: contact us.
- Other cores available:
 - Rigid nickel-plated (ref. RCN5YS) or rigid silver-plated (ref. RASYS) copper core - class 1 as per IEC 60228 / DIN VDE 0295.

Characteristics

General

- Continuous operating temperatures:
 - > Silver-plated copper core: -90 °C to +200 °C.
 - > Nickel-plated copper core: -90 °C to +250 °C.
- Excellent resistance to aggressive chemical environments.
- Excellent resistance to humidity.
- Excellent resistance to hydrocarbons and fluids.

Electrical

- Rated voltage: 300/500 V.
- Test voltage: 2000 V.

Standard products

- Standard insulation colour: white.



- Flexible nickel-plated (ref. CN5YS) or silver-plated (ref. A5YS) copper core - class 5 as per IEC 60228 / DIN VDE 0295.
- Insulation: Crossed and heat-sealed PTFE tapes.

CN5YS and A5YS

Flexible core • class 5 as per IEC 60228

Nominal cross-section (mm ²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km)
0.25*	19 x 0.13	89.3
0.5	16 x 0.20	40.1
0.75	24 x 0.20	26.7
1	32 x 0.20	20.0
1.5	30 x 0.25	13.7
2.5	50 x 0.25	8.21
4	56 x 0.30	5.09
6	84 x 0.30	3.39

INSULATED WIRE

Nominal thickness of insulation (mm)	Nominal diameter (mm)	Approximate linear weight (kg/km)
0.30	1.25	4.3
0.30	1.55	7.1
0.30	1.8	10.6
0.30	1.9	13.2
0.30	2.2	16.6
0.35	2.8	26.7
0.40	3.3	41.6
0.40	3.9	60.5

* Nominal cross-section not described in IEC 60228.

For this product, please contact:

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