

Harmonised; halogen-free to protect human life, the environment and material assets

Product Description

Protection of human life and the environment thanks to the avoidance of the formation of acid in case of fire; Type-compliant versions <HAR>-certified with “<HAR>” testing and certification mark for accelerated granting of approvals if final application of cable is within the European CENELEC area



Application range

- For wiring of lamps, devices, switchgear cabinets and distribution boxes
- For installation in tubes, on, in and under plaster as well as in closed installation ducts
- In building with a high density of people or valuable assets
- For use in dry rooms

Benefits

- Protection of human life and the environment thanks to the avoidance of the formation of acid in case of fire
- Type-compliant versions <HAR>-certified with “<HAR>” testing and certification mark for accelerated granting of approvals if final application of cable is within the European CENELEC area

Design

- Fine-wire strand made of bare copper wires
- Core insulation: Halogen-free

Product features

- The insulation material is halogen-free and free of other materials which could release toxic gases in the event of fire



- Low amount of corrosive gases in the event of fire
- Low smokes/low smoke density in the event of fire according to IEC 61034
- Flame-retardant according to IEC 60332-1-2

Technical Data

Approvals

HD 22.9/VDE 0282-9

Conductor stranding

Fine wire according to VDE 0295 Class 5/ IEC

60228 Class 5

Minimum bending radius

At a cable temperature of 20 °C ± 10 °C, according to HD 516

OD ≤ 8 mm: 4 x OD*/2 x OD**

8 < OD ≤ 12 mm: 5 x OD*/3 x OD**

OD > 12 mm: 6 x OD*/4 x OD**

Nominal voltage

U0/U: 450/ 750 V

Test voltage

2500 V

Current rating

VDE 0298-4

HD 516/VDE 0298-300

Temperature range

Fixed installation: -15°C to +90°C

Article List

Part number	Conductor cross-section (mm²)	Outer diameter (mm)	Core colour	m/coil	m/box	Copper index (kg/km)	Weight (kg/km)
4726021	1.5	3.5	blue	100		14.4	20
4726021K	1.5	3.5	blue		2000	14.4	20
4726031	1.5	3.5	brown	100		14.4	20
4726031K	1.5	3.5	brown		2000	14.4	20
4726141	1.5	3.5	Dark blue	100		14.4	20
4726141K	1.5	3.5	Dark blue		2000	14.4	20
4726111	1.5	3.5	yellow	100		14.4	20
4726111K	1.5	3.5	yellow		2000	14.4	20
4726061	1.5	3.5	grey	100		14.4	20
4726061K	1.5	3.5	grey		2000	14.4	20
4726121	1.5	3.5	green	100		14.4	20
4726121K	1.5	3.5	green		2000	14.4	20
4726001	1.5	3.5	Green/yellow	100		14.4	20



4726001K	1.5	3.5	Green/yellow		2000	14.4	20
4726091	1.5	3.5	orange	100		14.4	20
4726091K	1.5	3.5	orange		2000	14.4	20
4726081	1.5	3.5	Pink	100		14.4	20
4726081K	1.5	3.5	Pink		2000	14.4	20
4726041	1.5	3.5	red	100		14.4	20
4726041K	1.5	3.5	red		2000	14.4	20
4726011	1.5	3.5	black	100		14.4	20
4726011K	1.5	3.5	black		2000	14.4	20
4726071	1.5	3.5	violet	100		14.4	20
4726071K	1.5	3.5	violet		2000	14.4	20
4726051	1.5	3.5	white	100		14.4	20
4726051K	1.5	3.5	white		2000	14.4	20
4726022	2.5	4.3	blue	100		24.0	32
4726022K	2.5	4.3	blue		1500	24.0	32
4726032	2.5	4.3	brown	100		24.0	32
4726032K	2.5	4.3	brown		1500	24.0	32
4726142	2.5	4.3	Dark blue	100		24.0	32
4726142K	2.5	4.3	Dark blue		1500	24.0	32
4726112	2.5	4.3	yellow	100		24.0	32
4726112K	2.5	4.3	yellow		1500	24.0	32
4726062	2.5	4.3	grey	100		24.0	32
4726062K	2.5	4.3	grey		1500	24.0	32
4726122	2.5	4.3	green	100		24.0	32
4726122K	2.5	4.3	green		1500	24.0	32
4726002	2.5	4.3	Green/yellow	100		24.0	32
4726002K	2.5	4.3	Green/yellow		1500	24.0	32
4726092	2.5	4.3	orange	100		24.0	32
4726092K	2.5	4.3	orange		1500	24.0	32
4726082	2.5	4.3	Pink	100		24.0	32
4726082K	2.5	4.3	Pink		1500	24.0	32
4726042	2.5	4.3	red	100		24.0	32
4726042K	2.5	4.3	red		1500	24.0	32
4726012	2.5	4.3	black	100		24.0	32
4726012K	2.5	4.3	black		1500	24.0	32
4726072	2.5	4.3	violet	100		24.0	32
4726072K	2.5	4.3	violet		1500	24.0	32
4726052	2.5	4.3	white	100		24.0	32
4726052K	2.5	4.3	white		1500	24.0	32
4726023	4	4.9	blue	100		38.4	45
4726023K	4	4.9	blue		1000	38.0	45



4726033	4	4.9	brown	100		38.4	45
4726033K	4	4.9	brown		1000	38.0	45
4726143	4	4.9	Dark blue	100		38.4	45
4726143K	4	4.9	Dark blue		1000	38.0	45
4726113	4	4.9	yellow	100		38.4	45
4726113K	4	4.9	yellow		1000	38.4	45
4726063	4	4.9	grey	100		38.4	45
4726063K	4	4.9	grey		1000	38.4	45
4726123	4	4.9	green	100		38.4	45
4726123K	4	4.9	green		1000	38.0	45
4726003	4	4.9	Green/yellow	100		38.4	45
4726003K	4	4.9	Green/yellow		1000	38.4	45
4726093	4	4.9	orange	100		38.4	45
4726093K	4	4.9	orange		1000	38.4	45
4726083	4	4.9	Pink	100		38.4	45
4726083K	4	4.9	Pink		1000	38.4	45
4726043	4	4.9	red	100		38.4	45
4726043K	4	4.9	red		1000	38.0	45
4726013	4	4.9	black	100		38.4	45
4726013K	4	4.9	black		1000	38.4	45
4726073	4	4.9	violet	100		38.4	45
4726073K	4	4.9	violet		1000	38.4	45
4726053	4	4.9	white	100		38.4	45
4726053K	4	4.9	white		1000	38.0	45
4726024	6	5.5	blue	100		58.0	65
4726024K	6	5.5	blue		750	58.0	65
4726034	6	5.5	brown	100		58.0	65
4726034K	6	5.5	brown		750	58.0	65
4726144	6	5.5	Dark blue	100		58.0	65
4726144K	6	5.5	Dark blue		750	58.0	65
4726114	6	5.5	yellow	100		58.0	65
4726114K	6	5.5	yellow		750	58.0	65
4726064	6	5.5	grey	100		58.0	65
4726064K	6	5.5	grey		750	58.0	65
4726124	6	5.5	green	100		58.0	65
4726124K	6	5.5	green		750	58.0	65
4726004	6	5.5	Green/yellow	100		58.0	65
4726094	6	5.5	orange	100		58.0	65
4726094K	6	5.5	orange		750	58.0	65
4726084	6	5.5	Pink	100		58.0	65
4726084K	6	5.5	Pink		750	57.6	65

4726044	6	5.5	red	100		58.0	65
4726044K	6	5.5	red		750	58.0	65
4726014	6	5.5	black	100		58.0	65
4726014K	6	5.5	black		750	58.0	65
4726074	6	5.5	violet	100		58.0	65
4726074K	6	5.5	violet		750	58.0	65
4726054	6	5.5	white	100		58.0	65
4726054K	6	5.5	white		750	58.0	65
4726025	10	7.1	blue	100		96.0	110
4726035	10	7.1	brown	100		96.0	110
4726145	10	7.1	Dark blue	100		96.0	110
4726115	10	7.1	yellow	100		96.0	110
4726065	10	7.1	grey	100		96.0	110
4726125	10	7.1	green	100		96.0	110
4726005	10	7.1	Green/yellow	100		96.0	110
4726095	10	7.1	orange	100		96.0	110
4726085	10	7.1	Pink	100		96.0	110
4726045	10	7.1	red	100		96.0	110
4726015	10	7.1	black	100		96.0	110
4726075	10	7.1	violet	100		96.0	110
4726055	10	7.1	white	100		96.0	110
4726026	16	8.4	blue	100		154.0	170
4726036	16	8.4	brown	100		154.0	170
4726146	16	8.4	Dark blue	100		154.0	170
4726116	16	8.4	yellow	100		154.0	170
4726066	16	8.4	grey	100		154.0	170
4726126	16	8.4	green	100		154.0	170
4726006	16	8.4	Green/yellow	100		154.0	170
4726096	16	8.4	orange	100		154.0	170
4726086	16	8.4	Pink	100		154.0	170
4726046	16	8.4	red	100		154.0	170
4726016	16	8.4	black	100		154.0	170
4726076	16	8.4	violet	100		154.0	170
4726056	16	8.4	white	100		154.0	170
4726027	25	10.6	blue	100		240.0	290
4726037	25	10.6	brown	100		240.0	290
4726147	25	10.6	Dark blue	100		240.0	290
4726117	25	10.6	yellow	100		240.0	290
4726067	25	10.6	grey	100		240.0	290
4726127	25	10.6	green	100		240.0	290
4726007	25	10.6	Green/yellow	100		240.0	290



4726097	25	10.6	orange	100		240.0	290
4726087	25	10.6	Pink	100		240.0	290
4726047	25	10.6	red	100		240.0	290
4726017	25	10.6	black	100		240.0	290
4726077	25	10.6	violet	100		240.0	290
4726057	25	10.6	white	100		240.0	290
4726028	35	12.1	blue			336.0	380
4726038	35	12.1	brown			336.0	380
4726148	35	12.1	Dark blue			336.0	380
4726118	35	12.1	yellow			336.0	380
4726068	35	12.1	grey			336.0	380
4726128	35	12.1	green			336.0	380
4726008	35	12.1	Green/yellow			336.0	380
4726098	35	12.1	orange			336.0	380
4726088	35	12.1	Pink			336.0	380
4726048	35	12.1	red			336.0	380
4726018	35	12.1	black			336.0	380
4726078	35	12.1	violet			336.0	380
4726058	35	12.1	white			336.0	380
4726029	50	14.4	blue			480.0	530
4726039	50	14.4	brown			480.0	530
4726149	50	14.4	Dark blue			480.0	530
4726119	50	14.4	yellow			480.0	530
4726069	50	14.4	grey			480.0	530
4726129	50	14.4	green			480.0	530
4726009	50	14.4	Green/yellow			480.0	530
4726099	50	14.4	orange			480.0	530
4726089	50	14.4	Pink			480.0	530
4726049	50	14.4	red			480.0	530
4726019	50	14.4	black			480.0	530
4726079	50	14.4	violet			480.0	530
4726059	50	14.4	white			480.0	530
4727021	70	16.6	blue			672.0	750
4727031	70	16.6	brown			672.0	750
4727141	70	16.6	Dark blue			672.0	750
4727111	70	16.6	yellow			672.0	750
4727061	70	16.6	grey			672.0	750
4727121	70	16.6	green			672.0	750
4727001	70	16.6	Green/yellow			672.0	750
4727091	70	16.6	orange			672.0	750
4727081	70	16.6	Pink			672.0	750



4727041	70	16.6	red			672.0	750
4727011	70	16.6	black			672.0	750
4727071	70	16.6	violet			672.0	750
4727051	70	16.6	white			672.0	750
4727022	95	18.8	blue			912.0	1000
4727032	95	18.8	brown			912.0	1000
4727142	95	18.8	Dark blue			912.0	1000
4727112	95	18.8	yellow			912.0	1000
4727062	95	18.8	grey			912.0	1000
4727122	95	18.8	green			912.0	1000
4727002	95	18.8	Green/yellow			912.0	1000
4727092	95	18.8	orange			912.0	1000
4727082	95	18.8	Pink			912.0	1000
4727042	95	18.8	red			912.0	1000
4727012	95	18.8	black			912.0	1000
4727072	95	18.8	violet			912.0	1000
4727052	95	18.8	white			912.0	1000

Footnote:

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 Appendix T17 for the definition and calculation of copper-related surcharges.

Packaging size: Coil ≤ 30 kg, otherwise drum

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

*for conventional use, **for careful bending; "OD" = outer diameter