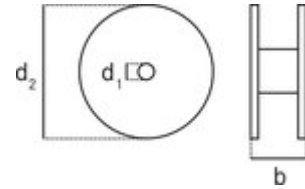


## Product Description



## Application range

- Laying in tubes, exposed or buried in plaster, and in closed installation ducts
- For direct laying on racks, troughs and tubes only as potential equalisation conductor

## Design

- Fine-wire strand made of bare copper wires
- Core insulation: Based on PVC
- Labelled with coloured stripes

## Product features

- Flame-retardant according to IEC 60332-1-2
- Spool:  $d_1 = 18 \text{ mm}$ ;  $d_2 = 200 \text{ mm}$ ;  $b = 85 \text{ mm}$



Technical Data

**Based on**

HD 21/VDE 0281

**Specific insulation resistance**

> 20 GOhm x cm

**Conductor stranding**

Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5

**Minimum bending radius**

4 x outer diameter (OD) if used as defined for H07V-K

2 x OD for short-term bending

**Nominal voltage**

U0/U: 450/750 V

**Test voltage**

2500 V

**Current rating**

VDE 0298 Part 4  
HD 516/VDE 0298-300

**Temperature range**

Fixed installation: -30°C to +80°C

Article List

Part number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	m/spool	Copper index (kg/km)	Weight (kg/km)
4522921S	1,5	3.4	Dark blue/white	150	14.4	22
4522201S	1,5	3.4	black/green	150	14.4	22
4522211S	1,5	3.4	black/red	150	14.4	22
4522221S	1,5	3.4	black/white	150	14.4	22
4522231S	1,5	3.4	blue/black	150	14.4	22
4522241S	1,5	3.4	blue/green	150	14.4	22
4522251S	1,5	3.4	blue/red	150	14.4	22
4522261S	1,5	3.4	blue/white	150	14.4	22
4522271S	1,5	3.4	brown/black	150	14.4	22
4522281S	1,5	3.4	brown/green	150	14.4	22
4522291S	1,5	3.4	brown/white	150	14.4	22
4522301S	1,5	3.4	yellow-black	150	14.4	22
4522311S	1,5	3.4	yellow-red	150	14.4	22
4522321S	1,5	3.4	yellow-white	150	14.4	22
4522331S	1,5	3.4	green-black	150	14.4	22
4522341S	1,5	3.4	green-white	150	14.4	22
4522361S	1,5	3.4	violet-yellow	150	14.4	22
4522371S	1,5	3.4	violet-white	150	14.4	22
4522381S	1,5	3.4	orange-black	150	14.4	22



4522391S	1,5	3.4	orange-white	150	14.4	22
4522401S	1,5	3.4	red-black	150	14.4	22
4522411S	1,5	3.4	red-yellow	150	14.4	22
4522421S	1,5	3.4	red-white	150	14.4	22
4522431S	1,5	3.4	white=black	150	14.4	22
4522441S	1,5	3.4	white-blue	150	14.4	22
4522451S	1,5	3.4	white-brown	150	14.4	22
4522461S	1,5	3.4	white-red	150	14.4	22
4522471S	1,5	3.4	grey-black	150	14.4	22
4522922S	2,5	4.1	Dark blue/white	100	24.0	37
4522212S	2,5	4.1	black/red	100	24.0	37
4522222S	2,5	4.1	black/white	100	24.0	37
4522232S	2,5	4.1	blue/black	100	24.0	37
4522242S	2,5	4.1	blue/green	100	24.0	37
4522252S	2,5	4.1	blue/red	100	24.0	37
4522262S	2,5	4.1	blue/white	100	24.0	37
4522272S	2,5	4.1	brown/black	100	24.0	37
4522292S	2,5	4.1	brown/white	100	24.0	37
4522302S	2,5	4.1	yellow-black	100	24.0	37
4522312S	2,5	4.1	yellow-red	100	24.0	37
4522322S	2,5	4.1	yellow-white	100	24.0	37
4522332S	2,5	4.1	green-black	100	24.0	37
4522342S	2,5	4.1	green-white	100	24.0	37
4522362S	2,5	4.1	violet-yellow	100	24.0	37
4522372S	2,5	4.1	violet-white	100	24.0	37
4522392S	2,5	4.1	orange-white	100	24.0	37
4522402S	2,5	4.1	red-black	100	24.0	37
4522412S	2,5	4.1	red-yellow	100	24.0	37
4522422S	2,5	4.1	red-white	100	24.0	37
4522432S	2,5	4.1	white=black	100	24.0	37
4522442S	2,5	4.1	white-blue	100	24.0	37
4522452S	2,5	4.1	white-brown	100	24.0	37
4522462S	2,5	4.1	white-red	100	24.0	37
4522472S	2,5	4.1	grey-black	100	24.0	37

**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.

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