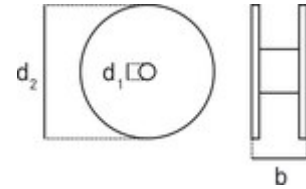


Product Description



Application range

- Internal wiring of devices
- Protected installation in and on lighting equipments
- Signal systems in and on plaster in tubes

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

H05V-K

2 x OD for cautious bending

Nominal voltage

U0/U: 300/500 V

Test voltage

2000 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 ²)	Outer diameter (mm)	Core colour	m/spool	Copper index (kg/km)	Weight (kg/km)
4512921S	0,5	2.5	Dark blue/white	250	4.8	9
4512201S	0,5	2.5	black/green	250	4.8	9
4512211S	0,5	2.5	black/red	250	4.8	9
4512221S	0,5	2.5	black/white	250	4.8	9
4512231S	0,5	2.5	blue/black	250	4.8	9
4512241S	0,5	2.5	blue/green	250	4.8	9
4512251S	0,5	2.5	blue/red	250	4.8	9
4512261S	0,5	2.5	blue/white	250	4.8	9
4512271S	0,5	2.5	brown/black	250	4.8	9
4512281S	0,5	2.5	brown/green	250	4.8	9
4512291S	0,5	2.5	brown/white	250	4.8	9
4512301S	0,5	2.5	yellow-black	250	4.8	9
4512311S	0,5	2.5	yellow-red	250	4.8	9
4512321S	0,5	2.5	yellow-white	250	4.8	9
4512331S	0,5	2.5	green-black	250	4.8	9
4512341S	0,5	2.5	green-white	250	4.8	9
4512351S	0,5	2.5	violet-black	250	4.8	9
4512361S	0,5	2.5	violet-yellow	250	4.8	9
4512371S	0,5	2.5	violet-white	250	4.8	9

4512381S	0,5	2.5	orange-black	250	4.8	9
4512391S	0,5	2.5	orange-white	250	4.8	9
4512401S	0,5	2.5	red-black	250	4.8	9
4512411S	0,5	2.5	red-yellow	250	4.8	9
4512421S	0,5	2.5	red-white	250	4.8	9
4512431S	0,5	2.5	white=black	250	4.8	9
4512441S	0,5	2.5	white-blue	250	4.8	9
4512451S	0,5	2.5	white-brown	250	4.8	9
4512461S	0,5	2.5	white-red	250	4.8	9
4512471S	0,5	2.5	grey-black	250	4.8	9
4512922S	0,75	2.7	Dark blue/white	250	7.2	12
4512202S	0,75	2.7	black/green	250	7.2	12
4512212S	0,75	2.7	black/red	250	7.2	12
4512222S	0,75	2.7	black/white	250	7.2	12
4512232S	0,75	2.7	blue/black	250	7.2	12
4512242S	0,75	2.7	blue/green	250	7.2	12
4512252S	0,75	2.7	blue/red	250	7.2	12
4512262S	0,75	2.7	blue/white	250	7.2	12
4512272S	0,75	2.7	brown/black	250	7.2	12
4512282S	0,75	2.7	brown/green	250	7.2	12
4512292S	0,75	2.7	brown/white	250	7.2	12
4512302S	0,75	2.7	yellow-black	250	7.2	12
4512312S	0,75	2.7	yellow-red	250	7.2	12
4512322S	0,75	2.7	yellow-white	250	7.2	12
4512332S	0,75	2.7	green-black	250	7.2	12
4512342S	0,75	2.7	green-white	250	7.2	12
4512352S	0,75	2.7	violet-black	250	7.2	12
4512362S	0,75	2.7	violet-yellow	250	7.2	12
4512372S	0,75	2.7	violet-white	250	7.2	12
4512382S	0,75	2.7	orange-black	250	7.2	12
4512392S	0,75	2.7	orange-white	250	7.2	12
4512402S	0,75	2.7	red-black	250	7.2	12
4512412S	0,75	2.7	red-yellow	250	7.2	12
4512422S	0,75	2.7	red-white	250	7.2	12
4512432S	0,75	2.7	white=black	250	7.2	12
4512442S	0,75	2.7	white-blue	250	7.2	12
4512452S	0,75	2.7	white-brown	250	7.2	12
4512462S	0,75	2.7	white-red	250	7.2	12
4512472S	0,75	2.7	grey-black	250	7.2	12
4512923S	1	2.8	Dark blue/white	250	9.6	15
4512203S	1	2.8	black/green	250	9.6	15



4512213S	1	2.8	black/red	250	9.6	15
4512223S	1	2.8	black/white	250	9.6	15
4512233S	1	2.8	blue/black	250	9.6	15
4512243S	1	2.8	blue/green	250	9.6	15
4512253S	1	2.8	blue/red	250	9.6	15
4512263S	1	2.8	blue/white	250	9.6	15
4512273S	1	2.8	brown/black	250	9.6	15
4512283S	1	2.8	brown/green	250	9.6	15
4512293S	1	2.8	brown/white	250	9.6	15
4512303S	1	2.8	yellow-black	250	9.6	15
4512313S	1	2.8	yellow-red	250	9.6	15
4512323S	1	2.8	yellow-white	250	9.6	15
4512333S	1	2.8	green-black	250	9.6	15
4512343S	1	2.8	green-white	250	9.6	15
4512353S	1	2.8	violet-black	250	9.6	15
4512363S	1	2.8	violet-yellow	250	9.6	15
4512373S	1	2.8	violet-white	250	9.6	15
4512383S	1	2.8	orange-black	250	9.6	15
4512393S	1	2.8	orange-white	250	9.6	15
4512403S	1	2.8	red-black	250	9.6	15
4512413S	1	2.8	red-yellow	250	9.6	15
4512423S	1	2.8	red-white	250	9.6	15
4512433S	1	2.8	white-black	250	9.6	15
4512443S	1	2.8	white-blue	250	9.6	15
4512453S	1	2.8	white-brown	250	9.6	15
4512463S	1	2.8	white-red	250	9.6	15
4512473S	1	2.8	grey-black	250	9.6	15

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.