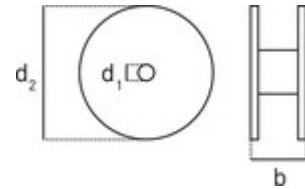


Product Description



Application range

- Internal wiring of devices
- Protected laying in and on lights
- Signal systems in and on plaster in tubes

Design

- Fine strands of bare copper wires
- Core insulation: Based on PVC

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

Approvals

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

Acc. to HD 516 at 20 ±10 °C cable temperature
4 x outer diameter (OD), if used conventionally
2 x OD at cautious bending

Rated voltage

U0/U: 300/500 V

Test voltage

2000 V

Current rating

VDE 0298 Part 4
HD 516

Range of temperature

Static: -30°C up to +80°C

Article List

Part number	Conductor cross section in mm ²	Outer diameter in mm	Wire colour	m/Coil	Copper index kg/km	Weight kg/km	m/Spool
4510001	0,5	2.5	greenyellow	100	4.8	9	
4510011	0,5	2.5	black	100	4.8	9	
4510021	0,5	2.5	blue	100	4.8	9	
4510141	0,5	2.5	dark-blue	100	4.8	9	
4510031	0,5	2.5	brown	100	4.8	9	
4510111	0,5	2.5	yellow	100	4.8	9	
4510121	0,5	2.5	green	100	4.8	9	
4510071	0,5	2.5	purple	100	4.8	9	
4510081	0,5	2.5	Pink	100	4.8	9	
4510091	0,5	2.5	orange	100	4.8	9	
4510041	0,5	2.5	red	100	4.8	9	
4510051	0,5	2.5	white	100	4.8	9	
4510061	0,5	2.5	grey	100	4.8	9	
4510161	0,5	2.5	ultramarine blue	100	4.8	9	
4510921	0,5	2.5	dark-blue/white	100	4.8	9	
4510002	0,75	2.7	greenyellow	100	7.2	12	
4510012	0,75	2.7	black	100	7.2	12	
4510022	0,75	2.7	blue	100	7.2	12	
4510142	0,75	2.7	dark-blue	100	7.2	12	

4510032	0,75	2.7	brown	100	7.2	12	
4510112	0,75	2.7	yellow	100	7.2	12	
4510122	0,75	2.7	green	100	7.2	12	
4510072	0,75	2.7	purple	100	7.2	12	
4510082	0,75	2.7	Pink	100	7.2	12	
4510092	0,75	2.7	orange	100	7.2	12	
4510042	0,75	2.7	red	100	7.2	12	
4510052	0,75	2.7	white	100	7.2	12	
4510062	0,75	2.7	grey	100	7.2	12	
4510922	0,75	2.7	dark-blue/white	100	7.2	12	
4510003	1	2.8	greenyellow	100	9.6	15	
4510013	1	2.8	black	100	9.6	15	
4510023	1	2.8	blue	100	9.6	15	
4510143	1	2.8	dark-blue	100	9.6	15	
4510033	1	2.8	brown	100	9.6	15	
4510113	1	2.8	yellow	100	9.6	15	
4510123	1	2.8	green	100	9.6	15	
4510073	1	2.8	purple	100	9.6	15	
4510083	1	2.8	Pink	100	9.6	15	
4510093	1	2.8	orange	100	9.6	15	
4510043	1	2.8	red	100	9.6	15	
4510053	1	2.8	white	100	9.6	15	
4510063	1	2.8	grey	100	9.6	15	
4510163	1	2.8	ultramarine blue	100	9.6	15	
4510923	1	2.8	dark-blue/white	100	9.6	15	
4510001S	0,5	2.5	greenyellow		4.8	9	250
4510011S	0,5	2.5	black		4.8	9	250
4510021S	0,5	2.5	blue		4.8	9	250
4510141S	0,5	2.5	dark-blue		4.8	9	250
4510031S	0,5	2.5	brown		4.8	9	250
4510111S	0,5	2.5	yellow		4.8	9	250
4510121S	0,5	2.5	green		4.8	9	250
4510071S	0,5	2.5	purple		4.8	9	250
4510081S	0,5	2.5	Pink		4.8	9	250
4510091S	0,5	2.5	orange		4.8	9	250
4510101S	0,5	2.5	transparent		4.8	9	250
4510041S	0,5	2.5	red		4.8	9	250
4510051S	0,5	2.5	white		4.8	9	250
4510061S	0,5	2.5	grey		4.8	9	250
4510161S	0,5	2.5	ultramarine blue		4.8	9	250
4510002S	0,75	2.7	greenyellow		7.2	12	250



4510012S	0,75	2.7	black		7.2	12	250
4510022S	0,75	2.7	blue		7.2	12	250
4510142S	0,75	2.7	dark-blue		7.2	12	250
4510032S	0,75	2.7	brown		7.2	12	250
4510112S	0,75	2.7	yellow		7.2	12	250
4510122S	0,75	2.7	green		7.2	12	250
4510072S	0,75	2.7	purple		7.2	12	250
4510082S	0,75	2.7	Pink		7.2	12	250
4510092S	0,75	2.7	orange		7.2	12	250
4510102S	0,75	2.7	transparent		7.2	12	250
4510042S	0,75	2.7	red		7.2	12	250
4510052S	0,75	2.7	white		7.2	12	250
4510062S	0,75	2.7	grey		7.2	12	250
4510162S	0,75	2.7	ultramarine blue		7.2	12	250
4510003S	1	2.8	greenyellow		9.6	15	250
4510013S	1	2.8	black		9.6	15	250
4510023S	1	2.8	blue		9.6	15	250
4510143S	1	2.8	dark-blue		9.6	15	250
4510033S	1	2.8	brown		9.6	15	250
4510113S	1	2.8	yellow		9.6	15	250
4510123S	1	2.8	green		9.6	15	250
4510073S	1	2.8	purple		9.6	15	250
4510083S	1	2.8	Pink		9.6	15	250
4510103S	1	2.8	transparent		9.6	15	250
4510043S	1	2.8	red		9.6	15	250
4510053S	1	2.8	white		9.6	15	250
4510063S	1	2.8	grey		9.6	15	250
4510163S	1	2.8	ultramarine blue		9.6	15	250

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

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