

Cold-flexible class-6 single conductor for devices or measurements

Product Description

Especially soft, cold-flexible PVC insulation



Application range

- For use in and on mobile equipment
- For measuring assemblies in technical training, education and electric laboratory

Benefits

- Especially soft, cold-flexible PVC insulation

Design

- Copper conductor
- Core insulation: Based on PVC

Technical Data

Based on

VDE 0682/0683 and DIN 46438/46440

Specific insulation resistance

> 20 GOhm x cm

Conductor stranding

Superfine-wired: 0.07 mm acc. to IEC 60228

Rated voltage

Highly flexible LiFY cores: up to 1.0 mm²: U0/U: 300/500 V, from 1.5 mm²: U0/U: 450/750 V

Test voltage

1500 V

Range of temperature

Flexible use: -15°C up to +70°C

Article List

Part number	Outer diameter in mm	Conductor cross section in mm ²	Wire colour	Copper index kg/km	PU in m
4560017S	2,5	0,75	greenyellow	7.5	100
4560013S	2,5	0,75	black	7.5	100
4560014S	2,5	0,75	blue	7.5	100
4560016S	2,5	0,75	red	7.5	100
4560027S	2,9	1	greenyellow	10.0	100
4560023S	2,9	1	black	10.0	100
4560024S	2,9	1	blue	10.0	100
4560026S	2,9	1	red	10.0	100
4560037S	3,7	1,5	greenyellow	15.0	100
4560033S	3,7	1,5	black	15.0	100
4560034S	3,7	1,5	blue	15.0	100
4560036S	3,7	1,5	red	15.0	100
4560057S	4,2	2,5	greenyellow	25.0	50
4560053S	4,2	2,5	black	25.0	50
4560054S	4,2	2,5	blue	25.0	50
4560056S	4,2	2,5	red	25.0	50
4560063	5,1	4	black	40.0	100
4560067	5,1	4	greenyellow	40.0	100
4560064	5,1	4	blue	40.0	100
4560077	6.0	6	greenyellow	63.0	50
4560073	6.0	6	black	63.0	50
4560074	6.0	6	blue	63.0	50



4560076	6.0	6	red	63.0	50
4560087	7,4	10	greenyellow	96.0	50
4560083	7,4	10	black	107.5	50
4560086	7,4	10	red	96.0	50

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.

Cold-flexible class-6 single conductor for devices or measurements

Product Description

Especially soft, cold-flexible PVC insulation



Application range

- For use in and on mobile equipment
- The 1000 V version with thick insulation wall is ideal for many measuring instruments such as multimeters etc.
- For measuring assemblies in technical training, education and electric laboratory

Benefits

- Especially soft, cold-flexible PVC insulation

Design

- Copper conductor
- Core insulation: Based on PVC



Technical Data

Based on

VDE 0682/0683 and DIN 46438/46440

Specific insulation resistance

> 20 GOhm x cm

Conductor stranding

Superfine-wired: 0.07 mm acc. to IEC 60228

Rated voltage

LiFY measurement cores: U: 1000 VAC

Test voltage

1500 V

Range of temperature

Flexible use: -15°C up to +70°C

Article List

Part number	Outer diameter in mm	Conductor cross section in mm ²	Wire colour	Copper index kg/km	m per package unit
4560011S	4.0	0,75	black	7.5	50
4560021S	4.0	0,75	blue	7.5	50
4560041S	4.0	0,75	red	7.5	50
4560012S	4.0	1,5	black	15.0	50
4560022S	4.0	1,5	blue	15.0	50
4560042S	4.0	1,5	red	15.0	50

Footnote:

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