

PVC insulated - with and without steel wire armouring resp. foil screen

Product Description



Design

- Version Y: - Fine-wired conductor alloy - PVC core insulation - Cores twisted into layers - PVC outer diameter
- Version SY: - Design alike Version Y - Additional galvanised steel wire braiding - PVC outer sheath
- Version ST: - Design alike version Y - Cores twisted into pairs, pairs twisted into layers - Aluminium foil screening + drain wire - PVC outer sheath
- Design example for PVC-PVC-S-PVC: - PVC core insulation - PVC inner sheath - Steel wire braiding - PVC outer sheath
- Design example for PVC-ST-PVC: - PVC core insulation - Static foil screen - PVC outer sheath
- Colour identity code DIN 43710 Negative conductor and outer sheath: Fe/CuNi: blue NiCr/Ni: green PtRh/Pt: white Positive conductor: always red IEC 60 584 Positive conductor and outer sheath: Fe/CuNi: black NiCr/Ni: green PtRh/Pt: orange Negative conductor: always white
- Extension-conductor alloys are identified with X, e.g. JX (Fe/CuNi) Compensating-conductor alloys are identified with C, e.g. KCA (NiCr/Ni)

Technical Data
Core identification code

Starting at 4 cores in pairs with consecutive marked numbers (1-1, 2-2, 3-3, 4-4...)

Based on

Limiting deviation in acc. with DIN and IEC in accordance with Class 2

Conductor stranding

48 x 0.20 mm

Minimum bending radius

For flexible applications: 12,5 x outer diameter Type SY with steel braid: 15 x outer diameter Type ST with foil screen: 15 x outer diameter

Range of temperature

(referring to insulation and sheath material) Flexing: -5°C to +70°C

Fixed installation: -40°C up to +80°C

Article List

Part number	Material	Design	cable design	Number of cores and mm ² per conductor	Outer dimensions in mm	Weight kg/km
Type Y without steel wire braiding						
0155001	Fe/CuNi	DIN-LX	PVC-PVC	4 x 1.5	8,2	469
0165001	Fe/CuNi	IEC-JX	PVC-PVC	4 x 1.5	8,2	130
0156001	NiCr/Ni	DIN-KCA	PVC-PVC	4 x 1.5	8,2	257
0166001	NiCr/Ni	IEC-KCA	PVC-PVC	4 x 1.5	8,2	130
0157001	PtRh/Pt	DIN-RCB/SCB	PVC-PVC	4 x 1.5	8,2	130
0167001	PtRh/Pt	IEC-RCB/SCB	PVC-PVC	4 x 1.5	8,2	130
0155002	Fe/CuNi	DIN-LX	PVC-PVC	6 x 1.5	10,2	847
0165002	Fe/CuNi	IEC-JX	PVC-PVC	6 x 1.5	10,2	200
0156002	NiCr/Ni	DIN-KCA	PVC-PVC	6 x 1.5	10,2	469
0166002	NiCr/Ni	IEC-KCA	PVC-PVC	6 x 1.5	10,2	200
0157002	PtRh/Pt	DIN-RCB/SCB	PVC-PVC	6 x 1.5	10,2	200
0167002	PtRh/Pt	IEC-RCB/SCB	PVC-PVC	6 x 1.5	10,2	200
0155003	Fe/CuNi	DIN-LX	PVC-PVC	8 x 1.5	11,2	145
0165003	Fe/CuNi	IEC-JX	PVC-PVC	8 x 1.5	11,2	238
0156003	NiCr/Ni	DIN-KCA	PVC-PVC	8 x 1.5	11,2	238
0166003	NiCr/Ni	IEC-KCA	PVC-PVC	8 x 1.5	11,2	238
0155005	Fe/CuNi	DIN-LX	PVC-PVC	12 x 1.5	13,3	573
0165005	Fe/CuNi	IEC-JX	PVC-PVC	12 x 1.5	13,3	335
0155007	Fe/CuNi	DIN-LX	PVC-PVC	16 x 1.5	15.0	145
0165007	Fe/CuNi	IEC-JX	PVC-PVC	16 x 1.5	15.0	447

0156007	NiCr/Ni	DIN-KCA	PVC-PVC	16 x 1.5	15.0	573
0166007	NiCr/Ni	IEC-KCA	PVC-PVC	16 x 1.5	15.0	447
0155010	Fe/CuNi	DIN-LX	PVC-PVC	24 x 1.5	19.0	257
0165010	Fe/CuNi	IEC-JX	PVC-PVC	24 x 1.5	19.0	555
0156010	NiCr/Ni	DIN-KCA	PVC-PVC	24 x 1.5	19.0	145
0166010	NiCr/Ni	IEC-KCA	PVC-PVC	24 x 1.5	19.0	555
Type SY with steel wire braiding						
0155501	Fe/CuNi	DIN-LX	PVC-PVC-S-PVC	4 x 1.5	11,4	145
0165501	Fe/CuNi	IEC-JX	PVC-PVC-S-PVC	4 x 1.5	11,4	240
0156501	NiCr/Ni	DIN-KCA	PVC-PVC-S-PVC	4 x 1.5	11,4	240
0166501	NiCr/Ni	IEC-KCA	PVC-PVC-S-PVC	4 x 1.5	11,4	240
0157501	PtRh/Pt	DIN-RCB/SCB	PVC-PVC-S-PVC	4 x 1.5	11,4	240
0167501	PtRh/Pt	IEC-RCB/SCB	PVC-PVC-S-PVC	4 x 1.5	11,4	240
0155502	Fe/CuNi	DIN-LX	PVC-PVC-S-PVC	6 x 1.5	13.0	257
0165502	Fe/CuNi	IEC-JX	PVC-PVC-S-PVC	6 x 1.5	13.0	355
0156502	NiCr/Ni	DIN-KCA	PVC-PVC-S-PVC	6 x 1.5	13.0	355
0166502	NiCr/Ni	IEC-KCA	PVC-PVC-S-PVC	6 x 1.5	13.0	355
0157502	PtRh/Pt	DIN-RCB/SCB	PVC-PVC-S-PVC	6 x 1.5	13.0	355
0167502	PtRh/Pt	IEC-RCB/SCB	PVC-PVC-S-PVC	6 x 1.5	13.0	355
0155503	Fe/CuNi	DIN-LX	PVC-PVC-S-PVC	8 x 1.5	13,8	469
0165503	Fe/CuNi	IEC-JX	PVC-PVC-S-PVC	8 x 1.5	13,8	410
0156503	NiCr/Ni	DIN-KCA	PVC-PVC-S-PVC	8 x 1.5	13,8	410
0166503	NiCr/Ni	IEC-KCA	PVC-PVC-S-PVC	8 x 1.5	13,8	410
0155505	Fe/CuNi	DIN-LX	PVC-PVC-S-PVC	12 x 1.5	17,9	257
0165505	Fe/CuNi	IEC-JX	PVC-PVC-S-PVC	12 x 1.5	17,9	550
0156505	NiCr/Ni	DIN-KCA	PVC-PVC-S-PVC	12 x 1.5	17,9	550
0166505	NiCr/Ni	IEC-KCA	PVC-PVC-S-PVC	12 x 1.5	17,9	550
0155507	Fe/CuNi	DIN-LX	PVC-PVC-S-PVC	16 x 1.5	19,4	469
0165507	Fe/CuNi	IEC-JX	PVC-PVC-S-PVC	16 x 1.5	19,4	730
0155510	Fe/CuNi	DIN-LX	PVC-PVC-S-PVC	24 x 1.5	23,8	573
0165510	Fe/CuNi	IEC-JX	PVC-PVC-S-PVC	24 x 1.5	23,8	847
Type ST with aluminium screening						
0158500	Fe/CuNi	DIN-LX	PVC-ST-PVC	2 x 2 x 1,5	11,4	145
0168500	Fe/CuNi	IEC-JX	PVC-ST-PVC	2 x 2 x 1,5	11,4	145
0158501	NiCr/Ni	DIN-KCA	PVC-ST-PVC	2 x 2 x 1,5	11,4	145
0168501	NiCr/Ni	IEC-KCA	PVC-ST-PVC	2 x 2 x 1,5	11,4	145
0158503	Fe/CuNi	DIN-LX	PVC-ST-PVC	4 x 2 x 1,5	13,7	257
0168503	Fe/CuNi	IEC-JX	PVC-ST-PVC	4 x 2 x 1,5	13,7	257
0158504	NiCr/Ni	DIN-KCA	PVC-ST-PVC	4 x 2 x 1,5	13,7	257
0168504	NiCr/Ni	IEC-KCA	PVC-ST-PVC	4 x 2 x 1,5	13,7	257
0158506	Fe/CuNi	DIN-LX	PVC-ST-PVC	8 x 2 x 1,5	18,3	469

0168506	Fe/CuNi	IEC-JX	PVC-ST-PVC	8 x 2 x 1,5	18,3	469
0158507	NiCr/Ni	DIN-KCA	PVC-ST-PVC	8 x 2 x 1,5	18,3	469
0168507	NiCr/Ni	IEC-KCA	PVC-ST-PVC	8 x 2 x 1,5	18,3	469
0158509	Fe/CuNi	DIN-LX	PVC-ST-PVC	12 x 2 x 1,5	22,2	573
0168509	Fe/CuNi	IEC-JX	PVC-ST-PVC	12 x 2 x 1,5	22,2	573
0158510	NiCr/Ni	DIN-KCA	PVC-ST-PVC	12 x 2 x 1,5	22,2	573
0168510	NiCr/Ni	IEC-KCA	PVC-ST-PVC	12 x 2 x 1,5	22,2	573

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.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil \leq 30 kg and \leq 250 m, otherwise drum

Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

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