

X07V-K with twin colour helix insulation



Info

- CPR: Article number choice under www.lappkabel.com/cpr
- Twin-colour spiralized PVC

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

Product features

- Flame-retardant according IEC 60332-1-2
- Spool: d1 = 18 mm; d2 = 200 mm; b = 85 mm

Norm references / Approvals

- Based on EN 50525-2-31

Product Make-up

- Fine-wired copper conductor of bare copper strands in line with conductor class 5 acc. IEC 60228
- Core insulation: Based on PVC
- Labelled with coloured stripes

Technical data

Classification ETIM 5/6
 ETIM 5.0/6.0 Class-ID: EC000993
 ETIM 5.0/6.0 Class-Description: Single core cable

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

Minimum bending radius
 4 x outer diameter if used as defined for H07V-K; 2 x outer diameter for short-term bending

Nominal voltage
 U0/U: 450/750 V

Test voltage
 2500 V

Current rating
 VDE 0298 Part 4
 EN 50565-1/ VDE 0298-565-1

Temperature range
 Fixed installation: -40°C to +80°C
 Moved: +5°C to +70°C

Conductor cross-section (mm ²)	Outer diameter [mm]	m/spool	Copper index (kg/km)	Weight (kg/km)	blue/white	Dark blue/white	black/red	black/white	blue/black	blue / red	brown/white
1.5	2.8 - 3.4	150	14.4	22	4522261S	4522921S	4522211S	4522221S	4522231S	4522251S	4522291S
2.5	3,4 - 4,1	100	24	37	4522262S	4522922S		4522222S		4522252S	4522292S

Conductor cross-section (mm ²)	Outer diameter [mm]	m/spool	Copper index (kg/km)	Weight (kg/km)	yellow/red	yellow/white	violet/white	orange/black	orange/white	red/black	red/white
1.5	2.8 - 3.4	150	14.4	22	4522311S	4522321S	4522371S	4522381S	4522391S	4522401S	4522421S
2.5	3,4 - 4,1	100	24	37					4522392S		4522422S

Conductor cross-section (mm ²)	Outer diameter [mm]	m/spool	Copper index (kg/km)	Weight (kg/km)	white/blue	white/red
1.5	2.8 - 3.4	150	14.4	22	4522441S	4522461S

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
 Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.
 Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Similar products

- X05V-K with twin colour helix insulation refer to page 212

Accessories

- DIN-assorted boxes conductor end sleeves refer to page 995
- EASY STRIP stripping and cutting tool refer to page 988
- PEW 8.87 crimping pliers refer to page 1000