

## X07V-K with twin colour helix insulation



### Info

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 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

### Norm references / Approvals

Based on EN 50525-2-31

### Product features

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

### Technical Data

Classification:	ETIM 5.0 Class-ID: EC000993 ETIM 5.0 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:	$U_0/U$ : 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

### Note

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

The outer diameters stated in the part number table are maximum values.

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Part number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	m/spool	Copper index (kg/km)	Weight (kg/km)
4522261S	1,5	2.8 - 3.4	blue/white	150	14.4	22
4522921S	1,5	2.8 - 3.4	Dark blue/white	150	14.4	22
4522211S	1,5	2.8 - 3.4	black/red	150	14.4	22
4522231S	1,5	2.8 - 3.4	blue/black	150	14.4	22
4522251S	1,5	2.8 - 3.4	blue / red	150	14.4	22
4522291S	1,5	2.8 - 3.4	brown/white	150	14.4	22
4522311S	1,5	2.8 - 3.4	yellow-red	150	14.4	22
4522371S	1,5	2.8 - 3.4	violet-white	150	14.4	22
4522381S	1,5	2.8 - 3.4	orange-black	150	14.4	22
4522391S	1,5	2.8 - 3.4	orange-white	150	14.4	22
4522401S	1,5	2.8 - 3.4	red-black	150	14.4	22
4522421S	1,5	2.8 - 3.4	red-white	150	14.4	22
4522441S	1,5	2.8 - 3.4	white-blue	150	14.4	22
4522461S	1,5	2.8 - 3.4	white-red	150	14.4	22
4522221S	1,5	2.8 - 3.4	black/white	150	14.4	22
4522321S	1,5	2.8 - 3.4	yellow-white	150	14.4	22
4522262S	2,5	3,4 - 4,1	blue/white	100	24.0	37
4522922S	2,5	3,4 - 4,1	Dark blue/white	100	24.0	37
4522252S	2,5	3,4 - 4,1	blue / red	100	24.0	37
4522292S	2,5	3,4 - 4,1	brown/white	100	24.0	37
4522392S	2,5	3,4 - 4,1	orange-white	100	24.0	37
4522422S	2,5	3,4 - 4,1	red-white	100	24.0	37
4522222S	2,5	3.4 - 4.1	black/white	100	24.0	37

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