

X05V-K with twin colour helix insulation



Info

Twin-colour spiralized PVC

Application range

Internal wiring of devices
Protected installation in and on lighting equipments
Signal systems in and on plaster in tubes

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 (OD) if used as defined for H05V-K 2 x OD for cautious bending
Nominal voltage:	U ₀ /U: 300/500 V
Test voltage:	2000 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 ²)	Outer diameter (mm)	Core colour	m/spool	m/box	Copper index (kg/km)	Weight (kg/km)
4512261S	0,5	2.1 - 2.5	blue/white	250		4.8	9
4512921S	0,5	2.1 - 2.5	Dark blue/white	250		4.8	9
4512231S	0,5	2.1 - 2.5	blue/black	250		4.8	9
4512241S	0,5	2.1 - 2.5	blue/green	250		4.8	9
4512251S	0,5	2.1 - 2.5	blue / red	250		4.8	9
4512291S	0,5	2.1 - 2.5	brown/white	250		4.8	9
4512371S	0,5	2.1 - 2.5	violet-white	250		4.8	9
4512381S	0,5	2.1 - 2.5	orange-black	250		4.8	9
4512391S	0,5	2.1 - 2.5	orange-white	250		4.8	9
4512401S	0,5	2.1 - 2.5	red-black	250		4.8	9
4512421S	0,5	2.1 - 2.5	red-white	250		4.8	9
4512441S	0,5	2.1 - 2.5	white-blue	250		4.8	9
4512221S	0,5	2.1 - 2.5	black/white	250		4.8	9
4512321S	0,5	2.1 - 2.5	yellow-white	250		4.8	9
4512351S	0,5	2.1 - 2.5	violet-black	250		4.8	9
4512431S	0,5	2.1 - 2.5	white=black	250		4.8	9
4512471S	0,5	2.1 - 2.5	grey-black	250		4.8	9
4512262S	0,75	2.2 - 2.7	blue/white	250		7.2	12
4512922S	0,75	2.2 - 2.7	Dark blue/white	250		7.2	12
4512232S	0,75	2.2 - 2.7	blue/black	250		7.2	12
4512242S	0,75	2.2 - 2.7	blue/green	250		7.2	12
4512252S	0,75	2.2 - 2.7	blue / red	250		7.2	12
4512252K	0,75	2.2 - 2.7	blue / red		4000	7.2	12
4512272S	0,75	2.2 - 2.7	brown/black	250		7.2	12
4512292S	0,75	2.2 - 2.7	brown/white	250		7.2	12
4512372S	0,75	2.2 - 2.7	violet-white	250		7.2	12
4512382S	0,75	2.2 - 2.7	orange-black	250		7.2	12
4512392S	0,75	2.2 - 2.7	orange-white	250		7.2	12
4512402S	0,75	2.2 - 2.7	red-black	250		7.2	12
4512422S	0,75	2.2 - 2.7	red-white	250		7.2	12
4512442S	0,75	2.2 - 2.7	white-blue	250		7.2	12
4512222S	0,75	2.2 - 2.7	black/white	250		7.2	12
4512322S	0,75	2.2 - 2.7	yellow-white	250		7.2	12
4512352S	0,75	2.2 - 2.7	violet-black	250		7.2	12

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Part number	Conductor cross-section (mm ²)	Outer diameter (mm)	Core colour	m/spool	m/box	Copper index (kg/km)	Weight (kg/km)
4512432S	0,75	2.2 - 2.7	white=black	250		7.2	12
4512472S	0,75	2.2 - 2.7	grey-black	250		7.2	12
4512263S	1	2.4 - 2.8	blue/white	250		9.6	15
4512923S	1	2.4 - 2.8	Dark blue/white	250		9.6	15
4512233S	1	2.4 - 2.8	blue/black	250		9.6	15
4512243S	1	2.4 - 2.8	blue/green	250		9.6	15
4512253S	1	2.4 - 2.8	blue / red	250		9.6	15
4512293S	1	2.4 - 2.8	brown/white	250		9.6	15
4512373S	1	2.4 - 2.8	violet-white	250		9.6	15
4512383S	1	2.4 - 2.8	orange-black	250		9.6	15
4512393S	1	2.4 - 2.8	orange-white	250		9.6	15
4512393K	1	2.4 - 2.8	orange-white		2000	9.6	15
4512403S	1	2.4 - 2.8	red-black	250		9.6	15
4512423S	1	2.4 - 2.8	red-white	250		9.6	15
4512423K	1	2.4 - 2.8	red-white		2000	9.6	15
4512443S	1	2.4 - 2.8	white-blue	250		9.6	15
4512223S	1	2.4 - 2.8	black/white	250		9.6	15
4512353S	1	2.4 - 2.8	violet-black	250		9.6	15
4512433S	1	2.4 - 2.8	white=black	250		9.6	15
4512473S	1	2.4 - 2.8	grey-black	250		9.6	15

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