X05V-K with twin colour helix insulation

X05V-K, power and control cable for internal wiring, PVC, 300/500 V, class 5, twin colour helix insulation, flame-retardant, spool

Info

CPR: Article number choice under www.lappkabel.com/cpr
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 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:	ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single core cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000993 ETIM 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 (OD) if used as defined for H05V-K; 2 x OD for

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	cautious bending
Nominal voltage:	U0/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 +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.
* Trade product, no Lapp product
Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.

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PRODUCT INFORMATION

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Article number	Core colour	Conductor cross-section (mm^2)	Outer diameter [mm]	m/spool	m/box	Copper index (kg/km)	Weight (kg/km)
4512261S	blue/white	0.5	2.1 - 2.5	250	-	4.8	9
4512261K	blue/white	0.5	2.1 - 2.5	-	4000	4.8	9
4512921S	Dark blue/white	0.5	2.1 - 2.5	250	-	4.8	9
4512211S	black/red	0.5	2.1 - 2.5	250	-	4.8	9
4512231S	blue/black	0.5	2.1 - 2.5	250	-	4.8	9
4512241S	blue/green	0.5	2.1 - 2.5	250	-	4.8	9
4512251S	blue / red	0.5	2.1 - 2.5	250	-	4.8	9
4512271S	brown/black	0.5	2.1 - 2.5	250	-	4.8	9
4512291S	brown/white	0.5	2.1 - 2.5	250	-	4.8	9
4512311S	yellow/red	0.5	2.1 - 2.5	250	-	4.8	9
4512371S	violet/white	0.5	2.1 - 2.5	250	-	4.8	9
4512381S	orange/black	0.5	2.1 - 2.5	250	-	4.8	9
4512391S	orange/white	0.5	2.1 - 2.5	250	-	4.8	9
4512401S	red/black	0.5	2.1 - 2.5	250	-	4.8	9
4512421S	red/white	0.5	2.1 - 2.5	250	-	4.8	9
4512441S	white/blue	0.5	2.1 - 2.5	250	-	4.8	9
4512461S	white/red	0.5	2.1 - 2.5	250	-	4.8	9
4512341S	green/white	0.5	2.1 - 2.5	250	-	4.8	9
4512221S	black/white	0.5	2.1 - 2.5	250	-	4.8	9
4512281S	brown/green	0.5	2.1 - 2.5	250	-	4.8	9
4512301S	yellow-black	0.5	2.1 - 2.5	250	-	4.8	9
4512321S	yellow/white	0.5	2.1 - 2.5	250	-	4.8	9
4512351S	violet/black	0.5	2.1 - 2.5	250	-	4.8	9
4512431S	white/black	0.5	2.1 - 2.5	250	-	4.8	9
4512451S	white-brown	0.5	2.1 - 2.5	250	-	4.8	9
4512471S	grey-black	0.5	2.1 - 2.5	250	-	4.8	9
4512262S	blue/white	0.75	2.2 - 2.7	250	-	7.2	12
4512922S	Dark blue/white	0.75	2.2 - 2.7	250	-	7.2	12
4512202S	black/green	0.75	2.2 - 2.7	250	-	7.2	12
4512212S	black/red	0.75	2.2 - 2.7	250	-	7.2	12
4512232S	blue/black	0.75	2.2 - 2.7	250	-	7.2	12
4512242S	blue/green	0.75	2.2 - 2.7	250	-	7.2	12
4512252S	blue / red	0.75	2.2 - 2.7	250	-	7.2	12
4512252K	blue / red	0.75	2.2 - 2.7	-	4000	7.2	12

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4512272S	brown/black	0.75	2.2 - 2.7	250	-	7.2	12
4512292S	brown/white	0.75	2.2 - 2.7	250	-	7.2	12
4512312S	yellow/red	0.75	2.2 - 2.7	250	-	7.2	12
4512332S	green-black	0.75	2.2 - 2.7	250	-	7.2	12
4512372S	violet/white	0.75	2.2 - 2.7	250	-	7.2	12
4512382S	orange/black	0.75	2.2 - 2.7	250	-	7.2	12
4512392S	orange/white	0.75	2.2 - 2.7	250	-	7.2	12
4512402S	red/black	0.75	2.2 - 2.7	250	-	7.2	12
4512412S	red-yellow	0.75	2.2 - 2.7	250	-	7.2	12
4512422S	red/white	0.75	2.2 - 2.7	250	-	7.2	12
4512442S	white/blue	0.75	2.2 - 2.7	250	-	7.2	12
4512462S	white/red	0.75	2.2 - 2.7	250	-	7.2	12
4512342S	green/white	0.75	2.2 - 2.7	250	-	7.2	12
4512222S	black/white	0.75	2.2 - 2.7	250	-	7.2	12
4512302S	yellow-black	0.75	2.2 - 2.7	250	-	7.2	12
4512322S	yellow/white	0.75	2.2 - 2.7	250	-	7.2	12
4512352S	violet/black	0.75	2.2 - 2.7	250	-	7.2	12
4512432S	white/black	0.75	2.2 - 2.7	250	-	7.2	12
4512452S	white-brown	0.75	2.2 - 2.7	250	-	7.2	12
4512472S	grey-black	0.75	2.2 - 2.7	250	-	7.2	12
4512263S	blue/white	1	2.4 - 2.8	250	-	9.6	15
4512923S	Dark blue/white	1	2.4 - 2.8	250	-	9.6	15
4512203S	black/green	1	2.4 - 2.8	250	-	9.6	15
4512213S	black/red	1	2.4 - 2.8	250	-	9.6	15
4512233S	blue/black	1	2.4 - 2.8	250	-	9.6	15
4512243S	blue/green	1	2.4 - 2.8	250	-	9.6	15
4512253S	blue / red	1	2.4 - 2.8	250	-	9.6	15
4512273S	brown/black	1	2.4 - 2.8	250	-	9.6	15
4512293S	brown/white	1	2.4 - 2.8	250	-	9.6	15
4512313S	yellow/red	1	2.4 - 2.8	250	-	9.6	15
4512333S	green-black	1	2.4 - 2.8	250	-	9.6	15
4512363S	violet-yellow	1	2.4 - 2.8	250	-	9.6	15
4512373S	violet/white	1	2.4 - 2.8	250	-	9.6	15
4512383S	orange/black	1	2.4 - 2.8	250	-	9.6	15

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Article number	Core colour	Conductor cross-section (mm^2)	Outer diameter [mm]	m/spool	m/box	Copper index (kg/km)	Weight (kg/km)
4512393S	orange/white	1	2.4 - 2.8	250	-	9.6	15
4512393K	orange/white	1	2.4 - 2.8	-	2000	9.6	15
4512403S	red/black	1	2.4 - 2.8	250	-	9.6	15
4512413S	red-yellow	1	2.4 - 2.8	250	-	9.6	15
4512423S	red/white	1	2.4 - 2.8	250	-	9.6	15
4512423K	red/white	1	2.4 - 2.8	-	2000	9.6	15
4512443S	white/blue	1	2.4 - 2.8	250	-	9.6	15
4512463S	white/red	1	2.4 - 2.8	250	-	9.6	15
4512343S	green/white	1	2.4 - 2.8	250	-	9.6	15
4512223S	black/white	1	2.4 - 2.8	250	-	9.6	15
4512283S	brown/green	1	2.4 - 2.8	250	-	9.6	15
4512303S	yellow-black	1	2.4 - 2.8	250	-	9.6	15
4512323S	yellow/white	1	2.4 - 2.8	250	-	9.6	15
4512353S	violet/black	1	2.4 - 2.8	250	-	9.6	15
4512433S	white/black	1	2.4 - 2.8	250	-	9.6	15
4512453S	white-brown	1	2.4 - 2.8	250	-	9.6	15
4512473S	grey-black	1	2.4 - 2.8	250	-	9.6	15

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