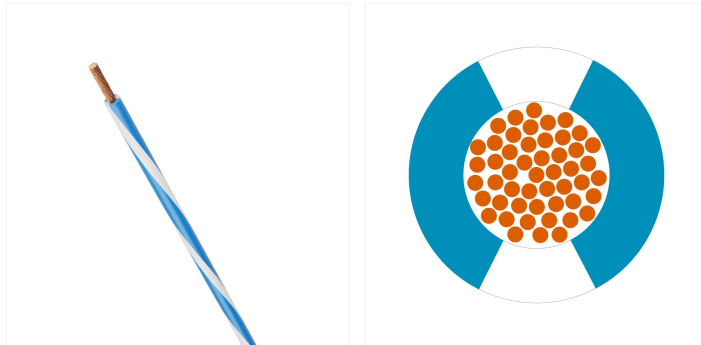


**X07V-K 2CHELIX 1X1,5 BUWH****Article No.:** 4522261SSingle conductor; 1X1.5; blue/white; Spool;  $U_0/U$ : 450/750 V; PVC; Fixed Installation**Details****Benefits**

- The two-color spiral allows the cable to be identified quickly in tight spaces.
- Compact design for easy processing.
- Versatile use in various applications and environments.
- Different conductor insulation colors available.
- Classified fire behavior according to EU Directive 305/2011 (BauPVO/CPR) with article number selection on the LAPP website.

**Application**

- For wiring circuits inside machines.
- Suitable for wiring inside control cabinets.
- For wiring lighting.
- For fixed and protected installation.
- Can be used for open installation on cable trays for equipotential bonding.
- Use at temperatures up to 40°C possible.

**Notes**

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

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

Trade product, not a LAPP product.

#### Remarks

Trade product, not a LAPP product.

#### Technical Data

##### General information

Product type	Single conductor
Copper index	96.75 lb/10000 ft
Single core packaging type	Spool
Length per PU	492.126 ft

##### Electrical parameters

Nominal voltage	$U_0/U$ : 450/750 V AC rms according to IEC
test voltage	2.5 kV
Current rating according to	VDE 0298-4

##### Product design

Cable dimension	1X1.5
Nominal cross section conductor (mm <sup>2</sup> )	1.5 mm <sup>2</sup>
Conductor material	Bare Copper
Conductor design	IEC 60228 class 5: fine-wire
Number of cores	1
Min. outer diameter	0.11 in
Max. outer diameter	0.134 in
Cable form	Round
Core insulation base material	Polyvinylchloride

Conductor insulation basic material, short form	PVC
Single core color	blue/white
Single conductor identification	Helix, two-colored

#### Product features

Application area	Fixed Installation
Minimum bending radius, stationary	4 x outer diameter
Minimum bending radius in inch, fixed installation	0.535 in
Minimum bending radius with careful bending	2 x outer diameter
Temperature, fixed installation	-40 °C to 70 °C max. conductor temperature
Installation temperature min.	5 °C
Max. assembly temperature	70 °C
Storage temperature max.	5 °C
Storage temperature maximum	40 °C
Flame-retardant	Yes
Flame retardance according to	IEC 60332-1-2
UV-resistant	No
weather resistant	No
Ozone-resistant	No
Halogenfree	No
Oil resistant	No
PWIS-free	No

#### Certifications and standards

CE marking	Yes
EAC certified	Yes
EAC certification number	EAЭC RU C-DE.AЮ64.B.00091/19, EAЭC RU C-DE.AЮ64.B.00110/20
VDE certified	No
HAR-certified	No

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CPR fire class	Eca
Resistance to flame propagation tested according to UN/ECE-R118	No

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**X07V-K with twin colour helix insulation**

Article No.	Name	Nominal cross section conductor (mm <sup>2</sup> )	Single core color	Single core packaging type	Length per PU	Min. outer diameter	Max. outer diameter	Copper index
4522211S	X07V-K 2CHELIX 1X1,5 BKRD	1.5 mm <sup>2</sup>	black/red	Spool	492.126 ft	0.11 in	0.134 in	96.76 lb/10000 ft
4522221S	X07V-K 2CHELIX 1X1,5 BKWH	1.5 mm <sup>2</sup>	black/white	Spool	492.126 ft	0.11 in	0.134 in	96.76 lb/10000 ft
4522222S	X07V-K 2CHELIX 1X2,5 BKWH	2.5 mm <sup>2</sup>	black/white	Spool	328.084 ft	0.134 in	0.161 in	161.27 lb/10000 ft
4522231S	X07V-K 2CHELIX 1X1,5 BUBK	1.5 mm <sup>2</sup>	blue/black	Spool	492.126 ft	0.11 in	0.134 in	96.76 lb/10000 ft
4522251S	X07V-K 2CHELIX 1X1,5 BURD	1.5 mm <sup>2</sup>	blue/red	Spool	492.126 ft	0.11 in	0.134 in	96.76 lb/10000 ft
4522252S	X07V-K 2CHELIX 1X2,5 BURD	2.5 mm <sup>2</sup>	blue/red	Spool	328.084 ft	0.134 in	0.161 in	161.27 lb/10000 ft
4522261S	X07V-K 2CHELIX 1X1,5 BUWH	1.5 mm <sup>2</sup>	blue/white	Spool	492.126 ft	0.11 in	0.134 in	96.75 lb/10000 ft
4522262S	X07V-K 2CHELIX 1X2,5 BUWH	2.5 mm <sup>2</sup>	blue/white	Spool	328.084 ft	0.134 in	0.161 in	161.28 lb/10000 ft
4522291S	X07V-K 2CHELIX 1X1,5 BNWH	1.5 mm <sup>2</sup>	brown/white	Spool	492.126 ft	0.11 in	0.134 in	96.76 lb/10000 ft
4522292S	X07V-K 2CHELIX 1X2,5 BNWH	2.5 mm <sup>2</sup>	brown/white	Spool	328.084 ft	0.134 in	0.161 in	161.27 lb/10000 ft
4522301S	X07V-K 2CHELIX 1X1,5 YEBK	1.5 mm <sup>2</sup>	yellow/black	Spool	492.126 ft	0.11 in	0.134 in	96.76 lb/10000 ft
4522311S	X07V-K 2CHELIX 1X1,5 YERD	1.5 mm <sup>2</sup>	yellow/red	Spool	492.126 ft	0.11 in	0.134 in	96.76 lb/10000 ft
4522321S	X07V-K 2CHELIX 1X1,5 YEWH	1.5 mm <sup>2</sup>	yellow/white	Spool	492.126 ft	0.11 in	0.134 in	96.8 lb/10000 ft
4522331S	X07V-K 2CHELIX 1X1,5 GNBK	1.5 mm <sup>2</sup>	green/black	Spool	492.126 ft	0.11 in	0.134 in	96.76 lb/10000 ft
4522341S	X07V-K 2CHELIX 1X1,5 GNWH	1.5 mm <sup>2</sup>	green/white	Spool	492.126 ft	0.11 in	0.134 in	96.76 lb/10000 ft
4522371S	X07V-K 2CHELIX 1X1,5 VTWH	1.5 mm <sup>2</sup>	violet/white	Spool	492.126 ft	0.11 in	0.134 in	96.76 lb/10000 ft
4522372S	X07V-K 2CHELIX 1X2,5 VTWH	2.5 mm <sup>2</sup>	violet/white	Spool	328.084 ft	0.134 in	0.161 in	161.27 lb/10000 ft
4522381S	X07V-K 2CHELIX 1X1,5 OGBK	1.5 mm <sup>2</sup>	orange/black	Spool	492.126 ft	0.11 in	0.134 in	96.76 lb/10000 ft
4522391S	X07V-K 2CHELIX 1X1,5 OGWH	1.5 mm <sup>2</sup>	orange/white	Spool	492.126 ft	0.11 in	0.134 in	96.8 lb/10000 ft
4522392S	X07V-K 2CHELIX 1X2,5 OGWH	2.5 mm <sup>2</sup>	orange/white	Spool	328.084 ft	0.134 in	0.161 in	161.3 lb/10000 ft
4522401S	X07V-K 2CHELIX 1X1,5 RDBK	1.5 mm <sup>2</sup>	red/black	Spool	492.126 ft	0.11 in	0.134 in	96.76 lb/10000 ft
4522411S	X07V-K 2CHELIX 1X1,5 RDYE	1.5 mm <sup>2</sup>	red/yellow	Spool	492.126 ft	0.11 in	0.134 in	96.76 lb/10000 ft
4522421S	X07V-K 2CHELIX 1X1,5 RDWH	1.5 mm <sup>2</sup>	red/white	Spool	492.126 ft	0.11 in	0.134 in	96.76 lb/10000 ft
4522422S	X07V-K 2CHELIX 1X2,5 RDWH	2.5 mm <sup>2</sup>	red/white	Spool	328.084 ft	0.134 in	0.161 in	161.28 lb/10000 ft

Article No.	Name	Nominal cross section conductor (mm <sup>2</sup> )	Single core color	Single core packaging type	Length per PU	Min. outer diameter	Max. outer diameter	Copper index
4522441S	X07V-K 2CHELIX 1X1,5 WHBU	1.5 mm <sup>2</sup>	white/blue	Spool	492.126 ft	0.11 in	0.134 in	96.8 lb/10000 ft
4522442S	X07V-K 2CHELIX 1X2,5 WHBU	2.5 mm <sup>2</sup>	white/blue	Spool	328.084 ft	0.134 in	0.161 in	161.28 lb/10000 ft
4522461S	X07V-K 2CHELIX 1X1,5 WHRD	1.5 mm <sup>2</sup>	white/red	Spool	492.126 ft	0.11 in	0.134 in	96.76 lb/10000 ft
4522471S	X07V-K 2CHELIX 1X1,5 GYBK	1.5 mm <sup>2</sup>	gray/black	Spool	492.126 ft	0.11 in	0.134 in	96.76 lb/10000 ft
4522472S	X07V-K 2CHELIX 1X2,5 GYBK	2.5 mm <sup>2</sup>	gray/black	Spool	328.084 ft	0.134 in	0.161 in	161.27 lb/10000 ft
4522921S	X07V-K 2CHELIX 1X1,5 DBUWH	1.5 mm <sup>2</sup>	dark blue/white	Spool	492.126 ft	0.11 in	0.134 in	96.75 lb/10000 ft
4522922S	X07V-K 2CHELIX 1X2,5 DBUWH	2.5 mm <sup>2</sup>	dark blue/white	Spool	328.084 ft	0.134 in	0.161 in	161.27 lb/10000 ft

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