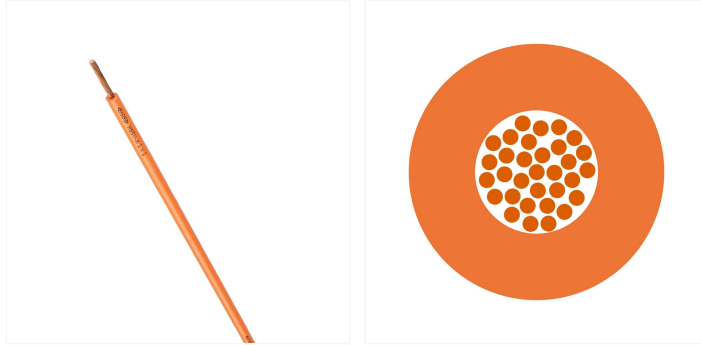


**H05V-K 1X1 OG****Article No.:** 4510093

Single conductor; 1X1; orange; Ring;  $U_0/U$ : 300/500 V; PVC; HAR-certified; Fixed Installation

**Details****Benefits**

- Made in accordance with harmonized European design H05V-K, with <HAR>testing mark for proven reliability and quality.
- 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 use in AC and DC charging infrastructures for electromobility.
- For fixed and protected installation.
- 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	64.5 lb/10000 ft
Single core packaging type	Ring
Length per PU	328.084 ft
Industry segment	Agricultural & Farm Machinery Assembly Machines Automotive Construction Machinery Energy Food & Beverage Heating, Ventilation, Air Conditioning & Refrigeration Intralogistics & Material handling Lifts & Elevators Machine Tools Packaging Process Industry Robotics Rolling Stock Solar

##### Electrical parameters

Nominal voltage	$U_0/U$ : 300/500 V AC rms according to IEC
test voltage	2 kV
Current rating according to	VDE 0298-4

**Product design**

Harmonized product type	H05V-K
Cable dimension	1X1
Nominal cross section conductor (mm <sup>2</sup> )	1 mm <sup>2</sup>
Conductor material	Bare Copper
Conductor design	IEC 60228 class 5: fine-wire
Number of cores	1
Min. outer diameter	0.094 in
Max. outer diameter	0.11 in
Cable form	Round
Core insulation base material	Polyvinylchloride
Conductor insulation basic material, short form	PVC
Single core color	orange
Single conductor identification	Single-colored

**Product features**

Application area	Fixed Installation
Minimum bending radius, stationary	4 x outer diameter
Minimum bending radius in inch, fixed installation	0.441 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

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Halogenfree	No
Oil resistant	No

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**Certifications and standards**

CE marking	Yes
EAC certified	Yes
EAC certification number	EAЭC N RU Д-DE.АЮ64.В.00130/20, EAЭC N RU Д-DE.АЮ64.В.00142/20
VDE certified	No
HAR-certified	Yes
Product standard DIN / EN	EN 50525-2-31
CPR fire class	Eca
Resistance to flame propagation tested according to UN/ECE-R118	No

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**H05V-K**

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
4510001	H05V-K 1X0,5 GNYE	0.5 mm <sup>2</sup>	green/yellow	Ring	328.084 ft	0.083 in	0.098 in	32.3 lb/10000 ft
4510001S	H05V-K 1X0,5 GNYE	0.5 mm <sup>2</sup>	green/yellow	Spool	820.21 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4510002	H05V-K 1X0,75 GNYE	0.75 mm <sup>2</sup>	green/yellow	Ring	328.084 ft	0.087 in	0.106 in	48.4 lb/10000 ft
4510002K	H05V-K EMOSS 1X0,75 GNYE	0.75 mm <sup>2</sup>	green/yellow	Large Cardboard Box	8,202.1 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510002S	H05V-K 1X0,75 GNYE	0.75 mm <sup>2</sup>	green/yellow	Spool	820.21 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510003	H05V-K 1X1 GNYE	1 mm <sup>2</sup>	green/yellow	Ring	328.084 ft	0.094 in	0.11 in	64.5 lb/10000 ft
4510003K	H05V-K EMOSS 1X1 GNYE	1 mm <sup>2</sup>	green/yellow	Large Cardboard Box	6,561.68 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510003S	H05V-K 1X1 GNYE	1 mm <sup>2</sup>	green/yellow	Spool	820.21 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510003X	H05V-K 1X1 GNYE	1 mm <sup>2</sup>	green/yellow	Ring	1,312.336 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510011	H05V-K 1X0,5 BK	0.5 mm <sup>2</sup>	black	Ring	328.084 ft	0.083 in	0.098 in	32.3 lb/10000 ft
4510011K	H05V-K EMOSS 1X0,5 BK	0.5 mm <sup>2</sup>	black	Large Cardboard Box	9,842.52 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4510011S	H05V-K 1X0,5 BK	0.5 mm <sup>2</sup>	black	Spool	820.21 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4510012	H05V-K 1X0,75 BK	0.75 mm <sup>2</sup>	black	Ring	328.084 ft	0.087 in	0.106 in	48.4 lb/10000 ft
4510012K	H05V-K EMOSS 1X0,75 BK	0.75 mm <sup>2</sup>	black	Large Cardboard Box	8,202.1 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510012S	H05V-K 1X0,75 BK	0.75 mm <sup>2</sup>	black	Spool	820.21 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510013	H05V-K 1X1 BK	1 mm <sup>2</sup>	black	Ring	328.084 ft	0.094 in	0.11 in	64.5 lb/10000 ft
4510013E	H05V-K EMOSS 1X1 BK	1 mm <sup>2</sup>	black	Large Cardboard Box	19,685.04 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510013K	H05V-K EMOSS 1X1 BK	1 mm <sup>2</sup>	black	Large Cardboard Box	6,561.68 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510013S	H05V-K 1X1 BK	1 mm <sup>2</sup>	black	Spool	820.21 ft	0.094 in	0.11 in	64.5 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
4510021	H05V-K 1X0,5 BU	0.5 mm <sup>2</sup>	blue	Ring	328.084 ft	0.083 in	0.098 in	32.3 lb/10000 ft
4510021E	H05V-K EMBOSS 1X0,5 BU	0.5 mm <sup>2</sup>	blue	Large Cardboard Box	29,527.56 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4510021K	H05V-K EMBOSS 1X0,5 BU	0.5 mm <sup>2</sup>	blue	Large Cardboard Box	9,842.52 ft	0.083 in	0.098 in	32.3 lb/10000 ft
4510021S	H05V-K 1X0,5 BU	0.5 mm <sup>2</sup>	blue	Spool	820.21 ft	0.083 in	0.098 in	32.3 lb/10000 ft
4510021X	H05V-K 1X0,5 BU	0.5 mm <sup>2</sup>	blue	Ring	1,640.42 ft	0.083 in	0.098 in	32.26 lb/10000 ft
4510022	H05V-K 1X0,75 BU	0.75 mm <sup>2</sup>	blue	Ring	328.084 ft	0.087 in	0.106 in	48.4 lb/10000 ft
4510022E	H05V-K EMBOSS 1X0,75 BU	0.75 mm <sup>2</sup>	blue	Large Cardboard Box	24,606.3 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510022K	H05V-K EMBOSS 1X0,75 BU	0.75 mm <sup>2</sup>	blue	Large Cardboard Box	8,202.1 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510022S	H05V-K 1X0,75 BU	0.75 mm <sup>2</sup>	blue	Spool	820.21 ft	0.087 in	0.106 in	48.4 lb/10000 ft
4510023	H05V-K 1X1 BU	1 mm <sup>2</sup>	blue	Ring	328.084 ft	0.094 in	0.11 in	64.5 lb/10000 ft
4510023E	H05V-K EMBOSS 1X1 BU	1 mm <sup>2</sup>	blue	Large Cardboard Box	19,685.04 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510023K	H05V-K EMBOSS 1X1 BU	1 mm <sup>2</sup>	blue	Large Cardboard Box	6,561.68 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510023S	H05V-K 1X1 BU	1 mm <sup>2</sup>	blue	Spool	820.21 ft	0.094 in	0.11 in	64.5 lb/10000 ft
4510023X	H05V-K 1X1 BU	1 mm <sup>2</sup>	blue	Ring	1,312.336 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510031	H05V-K 1X0,5 BN	0.5 mm <sup>2</sup>	brown	Ring	328.084 ft	0.083 in	0.098 in	32.3 lb/10000 ft
4510031S	H05V-K 1X0,5 BN	0.5 mm <sup>2</sup>	brown	Spool	820.21 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4510032	H05V-K 1X0,75 BN	0.75 mm <sup>2</sup>	brown	Ring	328.084 ft	0.087 in	0.106 in	48.4 lb/10000 ft
4510032K	H05V-K EMBOSS 1X0,75 BN	0.75 mm <sup>2</sup>	brown	Large Cardboard Box	8,202.1 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510032S	H05V-K 1X0,75 BN	0.75 mm <sup>2</sup>	brown	Spool	820.21 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510033	H05V-K 1X1 BN	1 mm <sup>2</sup>	brown	Ring	328.084 ft	0.094 in	0.11 in	64.5 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
4510033K	H05V-K EMBOSS 1X1 BN	1 mm <sup>2</sup>	brown	Large Cardboard Box	6,561.68 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510033S	H05V-K 1X1 BN	1 mm <sup>2</sup>	brown	Spool	820.21 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510033X	H05V-K 1X1 BN	1 mm <sup>2</sup>	brown	Ring	1,312.336 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510041	H05V-K 1X0,5 RD	0.5 mm <sup>2</sup>	red	Ring	328.084 ft	0.083 in	0.098 in	32.3 lb/10000 ft
4510041S	H05V-K 1X0,5 RD	0.5 mm <sup>2</sup>	red	Spool	820.21 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4510041X	H05V-K 1X0,5 RD	0.5 mm <sup>2</sup>	red	Ring	1,640.42 ft	0.083 in	0.098 in	32.26 lb/10000 ft
4510042	H05V-K 1X0,75 RD	0.75 mm <sup>2</sup>	red	Ring	328.084 ft	0.087 in	0.106 in	48.4 lb/10000 ft
4510042K	H05V-K EMBOSS 1X0,75 RD	0.75 mm <sup>2</sup>	red	Large Cardboard Box	8,202.1 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510042S	H05V-K 1X0,75 RD	0.75 mm <sup>2</sup>	red	Spool	820.21 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510043	H05V-K 1X1 RD	1 mm <sup>2</sup>	red	Ring	328.084 ft	0.094 in	0.11 in	64.5 lb/10000 ft
4510043K	H05V-K EMBOSS 1X1 RD	1 mm <sup>2</sup>	red	Large Cardboard Box	6,561.68 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510043S	H05V-K 1X1 RD	1 mm <sup>2</sup>	red	Spool	820.21 ft	0.094 in	0.11 in	64.5 lb/10000 ft
4510043X	H05V-K 1X1 RD	1 mm <sup>2</sup>	red	Ring	1,312.336 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510051	H05V-K 1X0,5 WH	0.5 mm <sup>2</sup>	white	Ring	328.084 ft	0.083 in	0.098 in	32.3 lb/10000 ft
4510051S	H05V-K 1X0,5 WH	0.5 mm <sup>2</sup>	white	Spool	820.21 ft	0.083 in	0.098 in	32.3 lb/10000 ft
4510052	H05V-K 1X0,75 WH	0.75 mm <sup>2</sup>	white	Ring	328.084 ft	0.087 in	0.106 in	48.4 lb/10000 ft
4510052K	H05V-K EMBOSS 1X0,75 WH	0.75 mm <sup>2</sup>	white	Large Cardboard Box	8,202.1 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510052S	H05V-K 1X0,75 WH	0.75 mm <sup>2</sup>	white	Spool	820.21 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510053	H05V-K 1X1 WH	1 mm <sup>2</sup>	white	Ring	328.084 ft	0.094 in	0.11 in	64.5 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
4510053K	H05V-K EMBOSS 1X1 WH	1 mm <sup>2</sup>	white	Large Cardboard Box	6,561.68 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510053S	H05V-K 1X1 WH	1 mm <sup>2</sup>	white	Spool	820.21 ft	0.094 in	0.11 in	64.5 lb/10000 ft
4510053X	H05V-K 1X1 WH	1 mm <sup>2</sup>	white	Ring	1,312.336 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510061	H05V-K 1X0,5 GY	0.5 mm <sup>2</sup>	gray	Ring	328.084 ft	0.083 in	0.098 in	32.3 lb/10000 ft
4510061S	H05V-K 1X0,5 GY	0.5 mm <sup>2</sup>	gray	Spool	820.21 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4510062	H05V-K 1X0,75 GY	0.75 mm <sup>2</sup>	gray	Ring	328.084 ft	0.087 in	0.106 in	48.4 lb/10000 ft
4510062K	H05V-K EMBOSS 1X0,75 GY	0.75 mm <sup>2</sup>	gray	Large Cardboard Box	8,202.1 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510062S	H05V-K 1X0,75 GY	0.75 mm <sup>2</sup>	gray	Spool	820.21 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510063	H05V-K 1X1 GY	1 mm <sup>2</sup>	gray	Ring	328.084 ft	0.094 in	0.11 in	64.5 lb/10000 ft
4510063K	H05V-K EMBOSS 1X1 GY	1 mm <sup>2</sup>	gray	Large Cardboard Box	6,561.68 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510063S	H05V-K 1X1 GY	1 mm <sup>2</sup>	gray	Spool	820.21 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510063X	H05V-K 1X1 GY	1 mm <sup>2</sup>	gray	Ring	1,312.336 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510071	H05V-K 1X0,5 VT	0.5 mm <sup>2</sup>	violet	Ring	328.084 ft	0.083 in	0.098 in	32.3 lb/10000 ft
4510071S	H05V-K 1X0,5 VT	0.5 mm <sup>2</sup>	violet	Spool	820.21 ft	0.083 in	0.098 in	32.3 lb/10000 ft
4510072	H05V-K 1X0,75 VT	0.75 mm <sup>2</sup>	violet	Ring	328.084 ft	0.087 in	0.106 in	48.4 lb/10000 ft
4510072K	H05V-K EMBOSS 1X0,75 VT	0.75 mm <sup>2</sup>	violet	Large Cardboard Box	8,202.1 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510072S	H05V-K 1X0,75 VT	0.75 mm <sup>2</sup>	violet	Spool	820.21 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510073	H05V-K 1X1 VT	1 mm <sup>2</sup>	violet	Ring	328.084 ft	0.094 in	0.11 in	64.5 lb/10000 ft
4510073K	H05V-K EMBOSS 1X1 VT	1 mm <sup>2</sup>	violet	Large Cardboard Box	6,561.68 ft	0.094 in	0.11 in	64.51 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
4510073S	H05V-K 1X1 VT	1 mm <sup>2</sup>	violet	Spool	820.21 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510081	H05V-K 1X0,5 PK	0.5 mm <sup>2</sup>	pink	Ring	328.084 ft	0.083 in	0.098 in	32.3 lb/10000 ft
4510081S	H05V-K 1X0,5 PK	0.5 mm <sup>2</sup>	pink	Spool	820.21 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4510082	H05V-K 1X0,75 PK	0.75 mm <sup>2</sup>	pink	Ring	328.084 ft	0.087 in	0.106 in	48.4 lb/10000 ft
4510082K	H05V-K EMBOSS 1X0,75 PK	0.75 mm <sup>2</sup>	pink	Large Cardboard Box	8,202.1 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510082S	H05V-K 1X0,75 PK	0.75 mm <sup>2</sup>	pink	Spool	820.21 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510083	H05V-K 1X1 PK	1 mm <sup>2</sup>	pink	Ring	328.084 ft	0.094 in	0.11 in	64.5 lb/10000 ft
4510083K	H05V-K EMBOSS 1X1 PK	1 mm <sup>2</sup>	pink	Large Cardboard Box	6,561.68 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510083S	H05V-K 1X1 PK	1 mm <sup>2</sup>	pink	Spool	820.21 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510091	H05V-K 1X0,5 OG	0.5 mm <sup>2</sup>	orange	Ring	328.084 ft	0.083 in	0.098 in	32.3 lb/10000 ft
4510091S	H05V-K 1X0,5 OG	0.5 mm <sup>2</sup>	orange	Spool	820.21 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4510092	H05V-K 1X0,75 OG	0.75 mm <sup>2</sup>	orange	Ring	328.084 ft	0.087 in	0.106 in	48.4 lb/10000 ft
4510092K	H05V-K EMBOSS 1X0,75 OG	0.75 mm <sup>2</sup>	orange	Large Cardboard Box	8,202.1 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510092S	H05V-K 1X0,75 OG	0.75 mm <sup>2</sup>	orange	Spool	820.21 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510093	H05V-K 1X1 OG	1 mm <sup>2</sup>	orange	Ring	328.084 ft	0.094 in	0.11 in	64.5 lb/10000 ft
4510093K	H05V-K EMBOSS 1X1 OG	1 mm <sup>2</sup>	orange	Large Cardboard Box	6,561.68 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510093S	H05V-K 1X1 OG	1 mm <sup>2</sup>	orange	Spool	820.21 ft	0.094 in	0.11 in	64.5 lb/10000 ft
4510101S	X05V-K 1X0,5 TR	0.5 mm <sup>2</sup>	transparent	Spool	820.21 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4510102S	X05V-K 1X0,75 TR	0.75 mm <sup>2</sup>	transparent	Spool	820.21 ft	0.087 in	0.106 in	48.38 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
4510103S	X05V-K 1X1 TR	1 mm <sup>2</sup>	transparent	Spool	820.21 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510111	H05V-K 1X0,5 YE	0.5 mm <sup>2</sup>	yellow	Ring	328.084 ft	0.083 in	0.098 in	32.3 lb/10000 ft
4510111S	H05V-K 1X0,5 YE	0.5 mm <sup>2</sup>	yellow	Spool	820.21 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4510112	H05V-K 1X0,75 YE	0.75 mm <sup>2</sup>	yellow	Ring	328.084 ft	0.087 in	0.106 in	48.4 lb/10000 ft
4510112K	H05V-K EMOSS 1X0,75 YE	0.75 mm <sup>2</sup>	yellow	Large Cardboard Box	8,202.1 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510112S	H05V-K 1X0,75 YE	0.75 mm <sup>2</sup>	yellow	Spool	820.21 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510113	H05V-K 1X1 YE	1 mm <sup>2</sup>	yellow	Ring	328.084 ft	0.094 in	0.11 in	64.5 lb/10000 ft
4510113K	H05V-K EMOSS 1X1 YE	1 mm <sup>2</sup>	yellow	Large Cardboard Box	6,561.68 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510113S	H05V-K 1X1 YE	1 mm <sup>2</sup>	yellow	Spool	820.21 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510121	H05V-K 1X0,5 GN	0.5 mm <sup>2</sup>	green	Ring	328.084 ft	0.083 in	0.098 in	32.3 lb/10000 ft
4510121S	H05V-K 1X0,5 GN	0.5 mm <sup>2</sup>	green	Spool	820.21 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4510122	H05V-K 1X0,75 GN	0.75 mm <sup>2</sup>	green	Ring	328.084 ft	0.087 in	0.106 in	48.4 lb/10000 ft
4510122K	H05V-K EMOSS 1X0,75 GN	0.75 mm <sup>2</sup>	green	Large Cardboard Box	8,202.1 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510122S	H05V-K 1X0,75 GN	0.75 mm <sup>2</sup>	green	Spool	820.21 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510123	H05V-K 1X1 GN	1 mm <sup>2</sup>	green	Ring	328.084 ft	0.094 in	0.11 in	64.5 lb/10000 ft
4510123S	H05V-K 1X1 GN	1 mm <sup>2</sup>	green	Spool	820.21 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510141	H05V-K 1X0,5 DBU	0.5 mm <sup>2</sup>	dark blue	Ring	328.084 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4510141S	H05V-K 1X0,5 DBU	0.5 mm <sup>2</sup>	dark blue	Spool	820.21 ft	0.083 in	0.098 in	32.25 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
4510141X	H05V-K 1X0,5 DBU	0.5 mm <sup>2</sup>	dark blue	Ring	1,968.504 ft	0.083 in	0.098 in	32.26 lb/10000 ft
4510142	H05V-K 1X0,75 DBU	0.75 mm <sup>2</sup>	dark blue	Ring	328.084 ft	0.087 in	0.106 in	48.4 lb/10000 ft
4510142K	H05V-K EMBOSS 1X0,75 DBU	0.75 mm <sup>2</sup>	dark blue	Large Cardboard Box	8,202.1 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510142S	H05V-K 1X0,75 DBU	0.75 mm <sup>2</sup>	dark blue	Spool	820.21 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510143	H05V-K 1X1 DBU	1 mm <sup>2</sup>	dark blue	Ring	328.084 ft	0.094 in	0.11 in	64.5 lb/10000 ft
4510143K	H05V-K EMBOSS 1X1 DBU	1 mm <sup>2</sup>	dark blue	Large Cardboard Box	6,561.68 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510143S	H05V-K 1X1 DBU	1 mm <sup>2</sup>	dark blue	Spool	820.21 ft	0.094 in	0.11 in	63.8 lb/10000 ft
4510161	H05V-K 1X0,5 UBU	0.5 mm <sup>2</sup>	ultramarine blue	Ring	328.084 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4510161K	H05V-K EMBOSS 1X0,5 UBU	0.5 mm <sup>2</sup>	ultramarine blue	Large Cardboard Box	9,842.52 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4510162	H05V-K 1X0,75 UBU	0.75 mm <sup>2</sup>	ultramarine blue	Ring	328.084 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510162S	H05V-K 1X0,75 UBU	0.75 mm <sup>2</sup>	ultramarine blue	Spool	820.21 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510163	H05V-K 1X1 UBU	1 mm <sup>2</sup>	ultramarine blue	Ring	328.084 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510163K	H05V-K EMBOSS 1X1 UBU	1 mm <sup>2</sup>	ultramarine blue	Large Cardboard Box	6,561.68 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510163S	H05V-K 1X1 UBU	1 mm <sup>2</sup>	ultramarine blue	Spool	820.21 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510262K	H05V-K EMBOSS 1X0,75 BUWH	0.75 mm <sup>2</sup>	blue/white	Large Cardboard Box	8,202.1 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510263K	H05V-K EMBOSS 1X1 BUWH	1 mm <sup>2</sup>	blue/white	Large Cardboard Box	6,561.68 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510921	H05V-K 1X0,5 DBUWH	0.5 mm <sup>2</sup>	dark blue/white	Ring	328.084 ft	0.083 in	0.098 in	32.3 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
4510921K	H05V-K EMBOSS 1X0,5 DBUWH	0.5 mm <sup>2</sup>	dark blue/white	Large Cardboard Box	9,842.52 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4510922	H05V-K 1X0,75 DBUWH	0.75 mm <sup>2</sup>	dark blue/white	Ring	328.084 ft	0.087 in	0.106 in	48.4 lb/10000 ft
4510922K	H05V-K EMBOSS 1X0,75 DBUWH	0.75 mm <sup>2</sup>	dark blue/white	Large Cardboard Box	8,202.1 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4510923	H05V-K 1X1 DBUWH	1 mm <sup>2</sup>	dark blue/white	Ring	328.084 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4510923K	H05V-K EMBOSS 1X1 DBUWH	1 mm <sup>2</sup>	dark blue/white	Large Cardboard Box	6,561.68 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4511060E	H05V-K EMBOSS 1X0,5 DBU	0.5 mm <sup>2</sup>	dark blue	Large Cardboard Box	29,527.56 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4511061E	H05V-K EMBOSS 1X0,75 DBU	0.75 mm <sup>2</sup>	dark blue	Large Cardboard Box	24,606.3 ft	0.087 in	0.106 in	48.38 lb/10000 ft
4511062E	H05V-K EMBOSS 1X1 DBU	1 mm <sup>2</sup>	dark blue	Large Cardboard Box	19,685.04 ft	0.094 in	0.11 in	64.51 lb/10000 ft
4511064K	H05V-K EMBOSS 1X0,5 DBU	0.5 mm <sup>2</sup>	dark blue	Large Cardboard Box	9,842.52 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4511065K	H05V-K EMBOSS 1X0,5 BN	0.5 mm <sup>2</sup>	brown	Large Cardboard Box	9,842.52 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4511068K	H05V-K EMBOSS 1X0,5 VT	0.5 mm <sup>2</sup>	violet	Large Cardboard Box	9,842.52 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4511070K	H05V-K EMBOSS 1X0,5 OG	0.5 mm <sup>2</sup>	orange	Large Cardboard Box	9,842.52 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4511071K	H05V-K EMBOSS 1X0,5 RD	0.5 mm <sup>2</sup>	red	Large Cardboard Box	9,842.52 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4511072K	H05V-K EMBOSS 1X0,5 WH	0.5 mm <sup>2</sup>	white	Large Cardboard Box	9,842.52 ft	0.083 in	0.098 in	32.25 lb/10000 ft
4511073K	H05V-K EMBOSS 1X0,5 GY	0.5 mm <sup>2</sup>	gray	Large Cardboard Box	9,842.52 ft	0.083 in	0.098 in	32.25 lb/10000 ft

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