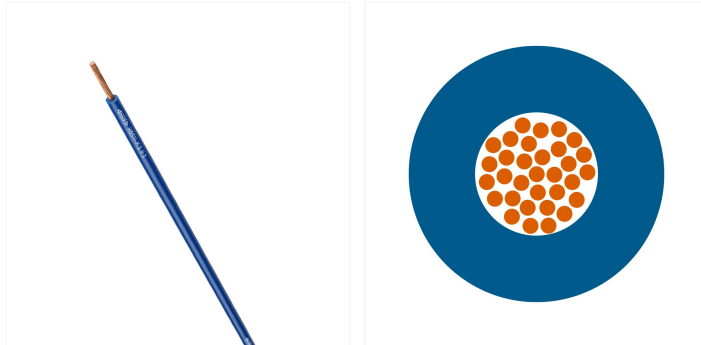


H05V-K 1X1 DBU**Article No.:** 4510143S

Single conductor; 1X1; dark blue; Spool; 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 | 63.8 lb/10000 ft |
| Single core packaging type | Spool |
| Length per PU | 820.21 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 ²) | 1 mm ² |
| 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 | dark blue |
| 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 |

| | |
|---------------|----|
| Halogenfree | No |
| Oil resistant | No |

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 |

H05V-K

| Article No. | Name | Nominal cross section conductor (mm ²) | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | green/yellow | Spool | 820.21 ft | 0.087 in | 0.106 in | 48.38 lb/10000 ft |
| 4510003 | H05V-K 1X1 GNYE | 1 mm ² | 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 ² | 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 ² | green/yellow | Spool | 820.21 ft | 0.094 in | 0.11 in | 64.51 lb/10000 ft |
| 4510003X | H05V-K 1X1 GNYE | 1 mm ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | black | Spool | 820.21 ft | 0.087 in | 0.106 in | 48.38 lb/10000 ft |
| 4510013 | H05V-K 1X1 BK | 1 mm ² | black | Ring | 328.084 ft | 0.094 in | 0.11 in | 64.5 lb/10000 ft |
| 4510013E | H05V-K EMOSS 1X1 BK | 1 mm ² | 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 ² | 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 ² | black | Spool | 820.21 ft | 0.094 in | 0.11 in | 64.5 lb/10000 ft |

| Article No. | Name | Nominal cross section conductor (mm ²) | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | blue | Spool | 820.21 ft | 0.087 in | 0.106 in | 48.4 lb/10000 ft |
| 4510023 | H05V-K 1X1 BU | 1 mm ² | blue | Ring | 328.084 ft | 0.094 in | 0.11 in | 64.5 lb/10000 ft |
| 4510023E | H05V-K EMBOSS 1X1 BU | 1 mm ² | 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 ² | 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 ² | blue | Spool | 820.21 ft | 0.094 in | 0.11 in | 64.5 lb/10000 ft |
| 4510023X | H05V-K 1X1 BU | 1 mm ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | brown | Spool | 820.21 ft | 0.087 in | 0.106 in | 48.38 lb/10000 ft |
| 4510033 | H05V-K 1X1 BN | 1 mm ² | brown | Ring | 328.084 ft | 0.094 in | 0.11 in | 64.5 lb/10000 ft |

| Article No. | Name | Nominal cross section conductor (mm ²) | 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 ² | 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 ² | brown | Spool | 820.21 ft | 0.094 in | 0.11 in | 64.51 lb/10000 ft |
| 4510033X | H05V-K 1X1 BN | 1 mm ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | red | Spool | 820.21 ft | 0.087 in | 0.106 in | 48.38 lb/10000 ft |
| 4510043 | H05V-K 1X1 RD | 1 mm ² | red | Ring | 328.084 ft | 0.094 in | 0.11 in | 64.5 lb/10000 ft |
| 4510043K | H05V-K EMBOSS 1X1 RD | 1 mm ² | 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 ² | red | Spool | 820.21 ft | 0.094 in | 0.11 in | 64.5 lb/10000 ft |
| 4510043X | H05V-K 1X1 RD | 1 mm ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | white | Spool | 820.21 ft | 0.087 in | 0.106 in | 48.38 lb/10000 ft |
| 4510053 | H05V-K 1X1 WH | 1 mm ² | white | Ring | 328.084 ft | 0.094 in | 0.11 in | 64.5 lb/10000 ft |

| Article No. | Name | Nominal cross section conductor (mm ²) | 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 ² | 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 ² | white | Spool | 820.21 ft | 0.094 in | 0.11 in | 64.5 lb/10000 ft |
| 4510053X | H05V-K 1X1 WH | 1 mm ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | gray | Spool | 820.21 ft | 0.087 in | 0.106 in | 48.38 lb/10000 ft |
| 4510063 | H05V-K 1X1 GY | 1 mm ² | gray | Ring | 328.084 ft | 0.094 in | 0.11 in | 64.5 lb/10000 ft |
| 4510063K | H05V-K EMBOSS 1X1 GY | 1 mm ² | 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 ² | gray | Spool | 820.21 ft | 0.094 in | 0.11 in | 64.51 lb/10000 ft |
| 4510063X | H05V-K 1X1 GY | 1 mm ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | violet | Spool | 820.21 ft | 0.087 in | 0.106 in | 48.38 lb/10000 ft |
| 4510073 | H05V-K 1X1 VT | 1 mm ² | violet | Ring | 328.084 ft | 0.094 in | 0.11 in | 64.5 lb/10000 ft |
| 4510073K | H05V-K EMBOSS 1X1 VT | 1 mm ² | 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 ²) | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | pink | Spool | 820.21 ft | 0.087 in | 0.106 in | 48.38 lb/10000 ft |
| 4510083 | H05V-K 1X1 PK | 1 mm ² | pink | Ring | 328.084 ft | 0.094 in | 0.11 in | 64.5 lb/10000 ft |
| 4510083K | H05V-K EMBOSS 1X1 PK | 1 mm ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | orange | Spool | 820.21 ft | 0.087 in | 0.106 in | 48.38 lb/10000 ft |
| 4510093 | H05V-K 1X1 OG | 1 mm ² | orange | Ring | 328.084 ft | 0.094 in | 0.11 in | 64.5 lb/10000 ft |
| 4510093K | H05V-K EMBOSS 1X1 OG | 1 mm ² | 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 ² | 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 ² | 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 ² | transparent | Spool | 820.21 ft | 0.087 in | 0.106 in | 48.38 lb/10000 ft |

| Article No. | Name | Nominal cross section conductor (mm ²) | 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 ² | 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 ² | 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 ² | 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 ² | yellow | Ring | 328.084 ft | 0.087 in | 0.106 in | 48.4 lb/10000 ft |
| 4510112K | H05V-K EMBOSS 1X0,75 YE | 0.75 mm ² | 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 ² | yellow | Spool | 820.21 ft | 0.087 in | 0.106 in | 48.38 lb/10000 ft |
| 4510113 | H05V-K 1X1 YE | 1 mm ² | yellow | Ring | 328.084 ft | 0.094 in | 0.11 in | 64.5 lb/10000 ft |
| 4510113K | H05V-K EMBOSS 1X1 YE | 1 mm ² | 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 ² | 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 ² | 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 ² | 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 ² | green | Ring | 328.084 ft | 0.087 in | 0.106 in | 48.4 lb/10000 ft |
| 4510122K | H05V-K EMBOSS 1X0,75 GN | 0.75 mm ² | 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 ² | green | Spool | 820.21 ft | 0.087 in | 0.106 in | 48.38 lb/10000 ft |
| 4510123 | H05V-K 1X1 GN | 1 mm ² | green | Ring | 328.084 ft | 0.094 in | 0.11 in | 64.5 lb/10000 ft |
| 4510123S | H05V-K 1X1 GN | 1 mm ² | 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 ² | 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 ² | 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 ²) | 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 ² | 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 ² | 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 ² | 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 ² | dark blue | Spool | 820.21 ft | 0.087 in | 0.106 in | 48.38 lb/10000 ft |
| 4510143 | H05V-K 1X1 DBU | 1 mm ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | ultramarine blue | Spool | 820.21 ft | 0.087 in | 0.106 in | 48.38 lb/10000 ft |
| 4510163 | H05V-K 1X1 UBU | 1 mm ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ²) | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | 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 ² | gray | Large Cardboard Box | 9,842.52 ft | 0.083 in | 0.098 in | 32.25 lb/10000 ft |

V1.1