



### USE OF CABLE

for fixed laying in rail vehicles and buses as well as in dry rooms, in pipes and closed installation canals. Suitable for connecting of flexible units.



### SPECIAL FEATURES

- cables with 3 kV operating voltage in low voltage facilities up to 1.000 V are classified as short circuit and earth leakage protected connection.

### REMARKS

- conform to RoHS
- halogen-free
- UV resistant
- ozone resistant

## PRODUCT INFORMATION

Conductor material:	Tinned copper strand
Conductor class:	Acc. to DIN VDE 0295 class 5 resp. IEC 60228 cl. 5
Core insulation:	Rubber compound
Outer sheath:	Halogen-free rubber compound
Sheath colour:	Black
Rated voltage:	Uo/U: 1,8/3 kV
Testing voltage:	6 kV
Current-carrying-capacity:	Reference value acc. to VDE see table on the right side. For divergent environmental conditions see conversion factors, technical guideline p. 16.076 and following
Min. bending radius fixed:	6 x d
Min. bending radius moved:	10 x d
Operat. temp. fixed min/max:	-40 °C / +80 °C
Operat. temp. moved min/max:	-25 °C / +80 °C
Temp. at conductor:	+90 °C
Halogen free:	Acc. to DIN VDE 0472 part 813
Smoke density:	Acc. to IEC 61034
Burning behavior:	Self-extinguishing and flame-retardant acc. to IEC 60332-1-2
Resistant to oil:	Acc. to EN 60811-404
Standard:	Acc. to DIN VDE 0250 part 606

## ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3501011	1 X 1,5	5,7 - 7,0	14,40	47,00	black	V0: NSHXAFÖ
3500492	1 X 2,5	6,2 - 7,5	24,00	60,00	black	V0: NSHXAFÖ
3500318	1 X 4	6,7 - 9,0	39,00	77,00	black	V0: NSHXAFÖ
3500430	1 X 6	7,2 - 9,5	58,00	105,00	black	V0: NSHXAFÖ
3500512	1 X 10	8,6 - 11,0	96,00	149,00	black	V0: NSHXAFÖ
3500314	1 X 16	10,7 - 13,0	154,00	222,00	black	V0: NSHXAFÖ
3500316	1 X 25	12,9 - 15,0	240,00	333,00	black	V0: NSHXAFÖ
3500317	1 X 35	13,6 - 16,5	336,00	425,00	black	V0: NSHXAFÖ
3500431	1 X 50	15,6 - 18,0	480,00	576,00	black	V0: NSHXAFÖ
3500424	1 X 70	17,4 - 20,5	672,00	770,00	black	V0: NSHXAFÖ
3500319	1 X 95	20,3 - 24,0	912,00	1002,00	black	V0: NSHXAFÖ
3500313	1 X 120	21,5 - 26,0	1152,00	1255,00	black	V0: NSHXAFÖ
3500549	1 X 150	23,4 - 28,0	1440,00	1553,00	black	V0: NSHXAFÖ
3500315	1 X 185	24,5 - 31,0	1776,00	1853,00	black	V0: NSHXAFÖ

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3500548	1 X 240	28,9 - 34,5	2304,00	2409,00	black	V0: NSHXAFÖ
3500729	1 X 300	31,6 - 38,0	2890,00	2985,00	black	V0: NSHXAFÖ