



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:	U _o /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 mm ²]	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

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
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
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