



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

PRODUCT INFORMATION

Conductor material:	Tinned copper strands
Conductor class:	Acc. to DIN VDE 0295 class 5 resp. IEC 60228 cl. 5
Core insulation:	Rubber compound
Outer sheath:	Special 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:	5 x d
Min. bending radius moved:	5 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
Burning behavior:	Self-extinguishing and flame-retardant acc. to IEC 60332-1
Resistant to oil:	Acc. to EN 60811-404
Standard:	Acc. to DIN VDE 0250 part 602

ITEM OVERVIEW

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3500262	1 X 1,5	5,6 - 9,0	14,40	50,00	black	V0: NSGAFÖU
3500282	1 X 2,5	6,0 - 10,0	24,00	65,00	black	V0: NSGAFÖU
3500296	1 X 4	6,5 - 10,5	39,00	85,00	black	V0: NSGAFÖU
3500303	1 X 6	7,1 - 11,0	58,00	105,00	black	V0: NSGAFÖU
3500265	1 X 10	8,3 - 12,0	96,00	160,00	black	V0: NSGAFÖU
3500275	1 X 16	9,3 - 14,5	154,00	235,00	black	V0: NSGAFÖU
3500288	1 X 25	11,4 - 16,5	240,00	360,00	black	V0: NSGAFÖU
3500292	1 X 35	12,6 - 18,0	336,00	460,00	black	V0: NSGAFÖU
3500299	1 X 50	14,2 - 19,5	480,00	620,00	black	V0: NSGAFÖU
3500306	1 X 70	16,0 - 21,5	672,00	820,00	black	V0: NSGAFÖU
3500309	1 X 95	18,5 - 24,5	912,00	1070,00	black	V0: NSGAFÖU
3500268	1 X 120	20,3 - 26,0	1152,00	1320,00	black	V0: NSGAFÖU

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3500271	1 X 150	22,3 - 27,5	1440,00	1620,00	black	V0: NSGAFÖU
3500278	1 X 185	24,2 - 29,5	1776,00	1950,00	black	V0: NSGAFÖU
3500285	1 X 240	27,1 - 33,0	2304,00	2540,00	black	V0: NSGAFÖU
3500290	1 X 300	30,2 - 36,5	2880,00	3178,00	black	V0: NSGAFÖU
3500490	1 X 400	34,5 - 38,5	3840,00	4211,00	black	V0: NSGAFÖU