



## USE OF CABLE

power and control cable for trolley systems, transfer lines, machine-tools, on hoisting devices, lift, crane and container bridges. Also in applications where cables are bended strongly in permanent moving operation in one level. Suitable for dry, humid and wet rooms and for outdoor use.



## SPECIAL FEATURES

- significant smaller bending radius compared to round cables

## REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.
- Available accessory you'll find on pages 15.35.XX

## PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Acc. to DIN VDE 0295 class 5/6 resp. IEC 60228 class 5/6
Core insulation:	Rubber compound
Core identification:	Acc. to VDE 0293-308 up to 5 wires coloured, from 6 wires black with white numerals with GNYE
Stranding:	Cores parallel side by side
Shield:	Coated foil + wrapped tinned wire
Outer sheath:	Special rubber-compound
Sheath colour:	Black
Rated voltage:	0,6/1 kV
Testing voltage:	2 kV
Current-carrying-capacity:	Acc. to DIN VDE, see Technical Guideline
Min. bending radius fixed:	Acc. to DIN VDE 0298 part 3
Min. bending radius moved:	Acc. to DIN VDE 0298 part 3
Operat. temp. fixed min/max:	-40 °C / +80 °C
Operat. temp. moved min/max:	-30 °C / +80 °C
Temp. at conductor:	+90 °C
Burning behavior:	Self-extinguishing and flame retardant acc. to IEC 60332-1
Standard:	According or similar to DIN VDE 0250 part 809

## ITEM OVERVIEW

Product No.	Dimension [n x mm <sup>2</sup> ]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3000132	4 X (2 X 1)	10,2 X 30,0 - 11,8 X 33,5	273,00	590,00	black	V1: M(STD)HÖU-O
3000137	7 X (2 X 1)	10,9 X 55,3 - 12,5 X 59,0	430,00	1060,00	black	V1: M(STD)HÖU-O
3001442	4 X 1,5	8,0 X 22,5	99,00	291,00	black	V1: M(STD)HÖU-O
3001435	8 X 1,5	8,0 X 41,1	228,00	537,00	black	V1: M(STD)HÖU-O
3001443	12 X 1,5	8,0 X 59,8	342,00	795,00	black	V1: M(STD)HÖU-O
3000072	4 X 1,5	7,0 X 20,1 - 8,0 X 21,5	99,00	290,00	black	V2: M(STD)HÖU-J
3000079	8 X 1,5	7,0 X 36,2 - 8,0 X 38,6	228,00	550,00	black	V2: M(STD)HÖU-J
3000069	12 X 1,5	7,0 X 52,7 - 8,0 X 57,1	342,00	800,00	black	V2: M(STD)HÖU-J
3000075	4 X 2,5	7,6 X 22,7 - 8,7 X 24,1	163,00	370,00	black	V2: M(STD)HÖU-J
3000078	6 X 2,5	7,6 X 31,5 - 8,7 X 33,5	245,00	530,00	black	V2: M(STD)HÖU-J
3000071	12 X 2,5	7,6 X 60,0 - 8,7 X 64,0	493,00	1050,00	black	V2: M(STD)HÖU-J
3000097	4 X 4	8,5 X 25,6 - 9,5 X 27,6	241,00	500,00	black	V2: M(STD)HÖU-J
3000077	4 X 6	8,9 X 28,1 - 10,5 X 31,1	353,00	610,00	black	V2: M(STD)HÖU-J
3000101	4 X 10	11,1 X 34,7 - 12,1 X 36,7	497,00	920,00	black	V2: M(STD)HÖU-J

Product No.	Dimension [n x mm <sup>2</sup> ]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3000102	4 X 16	12,3 X 38,9 - 13,7 X 41,5	805,00	1320,00	black	V2: M(STD)HÖU-J
3000105	4 X 25	12,5 X 43,0 - 15,5 X 47,0	1200,00	1720,00	black	V2: M(STD)HÖU-J
3000107	4 X 35	14,6 X 49,8 - 17,1 X 53,2	1657,00	2330,00	black	V2: M(STD)HÖU-J
3000113	4 X 50	17,1 X 58,0 - 19,7 X 61,6	2261,00	3120,00	black	V2: M(STD)HÖU-J
3000121	4 X 70	22,0 X 73,0 - 24,0 X 77,0	3259,00	4680,00	black	V2: M(STD)HÖU-J
3000131	4 X 95	22,7 X 76,3 - 25,3 X 81,9	4311,00	5540,00	black	V2: M(STD)HÖU-J
3000080	4 X 2 X 1	13,5 X 34,0	273,00	525,00	black	V3: GFLCGÖU-O
3000081	7 X 2 X 1	13,5 X 60,0	430,00	909,00	black	V3: GFLCGÖU-O
3001100	12 X 1,5	8,0 X 55,6	278,00	820,00	black	V3: GFLCGÖU-O
3000076	4 X 4	9,1 X 26,3	241,00	493,00	black	V4: MCHÖU-J
3001515	4 X 6	9,8 X 29,1	353,00	603,00	black	V4: MCHÖU-J
3000073	4 X 10	11,7 X 35,4	497,00	946,00	black	V4: MCHÖU-J
3000074	4 X 16	13,5 X 41,1	805,00	1320,00	black	V4: MCHÖU-J
3001085	4 X 25	15,5 X 48,0	1200,00	1740,00	black	V4: MCHÖU-J
3001458	7 X 25	20,0 x 79,0	1960,00	3510,00	black	V4: MCHÖU-J
3000838	4 X 35	18,0 X 60,0	1657,00	2700,00	black	V4: MCHÖU-J
3000887	4 X 50	21,0 X 67,0	2261,00	3500,00	black	V4: MCHÖU-J
3000919	4 X 70	22,5 X 76,0	3259,00	4650,00	black	V4: MCHÖU-J
3001067	4 X 95	24,6 X 84,5	4311,00	5880,00	black	V4: MCHÖU-J
3001068	4 X 120	26,9 X 85,6	4998,00	6730,00	black	V4: MCHÖU-J
3002297	4 X 150	29,0 X 97,0	5760,00	8750,00	black	V4: MCHÖU-J