



USE OF CABLE

power and control cable for trolley systems, transfer lines, machine-tools especially 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.



SPECIAL FEATURES

- significant smaller bending radius compared to round cables
- free from lacquer damaging substances and silicone (during production)

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 resp. IEC 60228 cl. 5
Core insulation:	PVC
Core identification:	Acc. to VDE 0293-308 up to 5 wires coloured, from 6 wires black with white numerals resp. white with black numerals, with or without GNYE
Stranding:	Cores resp. bundles parallel side by side
Outer sheath:	PVC
Sheath colour:	Black, RAL 9005
Rated voltage:	Uo/U 300/500 V
Testing voltage:	2 kV
Current-carrying-capacity:	Acc. to DIN EN50565-1
Min. bending radius fixed:	Acc. to DIN EN50565-1
Min. bending radius moved:	Acc. to DIN EN50565-1
Operat. temp. fixed min/max:	-15 °C / +60 °C
Operat. temp. moved min/max:	-5 °C / +60 °C
Temp. at conductor:	+70 °C
Burning behavior:	Self-extinguishing and flame retardant acc. to IEC 60332-1
Suspension height:	Max. 45 m
Standard:	Acc. to DIN EN 50214

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3001070	4 X 1	3,8 X 13,3 - 5,6 X 14,1	39,00	115,00	black	V1: (H)05VVH6-F
3003339	8 X 0,75	3,8 X 25,1 - 4,6 X 25,9	58,00	190,00	black	V1: (H)05VVH6-F
3000580	8 X 1	3,8 X 23,9 - 5,6 X 25,6	77,00	220,00	black	V1: (H)05VVH6-F
3000569	4 G 0,75	3,8 X 12,2 - 4,6 X 12,8	29,00	100,00	black	V2: H05VVH6-F
3001812	6 G 0,75	3,8 X 15,0 - 5,0 X 19,0	43,20	130,00	black	V2: H05VVH6-F
3000570	8 G 0,75	3,8 X 25,1 - 4,6 X 25,9	58,00	190,00	black	V2: H05VVH6-F
3000586	12 G 0,75	3,8 X 29,0 - 4,6 X 32,8	87,00	260,00	black	V2: H05VVH6-F
3000571	16 G 0,75	3,8 X 41,8 - 4,6 X 42,8	116,00	350,00	black	V2: H05VVH6-F
3000599	18 G 0,75	3,8 X 43,4 - 4,6 X 48,5	130,00	400,00	black	V2: H05VVH6-F
3000605	20 G 0,75	3,8 X 51,8 - 4,6 X 53,0	144,00	430,00	black	V2: H05VVH6-F
3000606	24 G 0,75	3,8 X 57,3 - 4,6 X 63,2	173,00	510,00	black	V2: H05VVH6-F
3001810	24 G 0,75 + 2 X (2 X 0,5)C	5,4 X 74,5	215,00	718,00	black	V2: H05VVH6-F
3000577	4 G 1	3,8 X 13,3 - 5,6 X 14,1	39,00	115,00	black	V2: H05VVH6-F

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3000641	5 G 1	3,8 X 16,0 - 5,6 X 16,6	48,00	135,00	black	V2: H05VVH6-F
3000798	7 G 1	4,4 X 24,0	68,00	165,00	black	V2: H05VVH6-F
3000654	8 G 1	3,8 X 23,9 - 5,6 X 25,6	77,00	220,00	black	V2: H05VVH6-F
3000588	12 G 1	3,8 X 34,4 - 5,6 X 35,2	116,00	310,00	black	V2: H05VVH6-F
3000601	18 G 1	3,8 X 49,0 - 5,6 X 53,4	173,00	470,00	black	V2: H05VVH6-F
3001297	20 G 1	4,4 x 58,5	192,00	510,00	black	V2: H05VVH6-F
3000608	24 G 1	3,8 X 62,0 - 5,6 X 68,1	231,00	600,00	black	V2: H05VVH6-F
3001463	6 X (6 G 0,75)	10,5 x 50,2	259,20	820,00	black	V3: (H)05VVH6-F
3000572	40 G 0,75	7,5 X 52,8 - 9,4 X 58,9	288,00	720,00	black	V3: (H)05VVH6-F
3000573	3 X (4 G 1)	7,9 X 18,7 - 8,4 X 19,4	116,00	300,00	black	V3: (H)05VVH6-F
3000597	4 X (4 G 1)	7,9 X 24,0 - 8,4 X 25,3	154,00	400,00	black	V3: (H)05VVH6-F