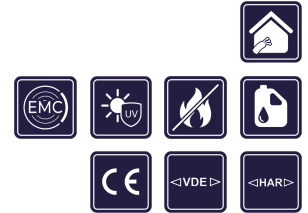


## USE OF CABLE

shielded and unshielded power, control and signal transmission cable with supporting element for crane facilities, current entries to high rack transport vehicles, in industrial television on moving cameras and machine tools. Applicable for all control, measure and telecommunication systems. Suitable for dry and humid rooms.



## SPECIAL FEATURES

- significant smaller bending radius compared to round cables
- free from lacquer damaging substances and silicone (during production)
- cold resistant types KYFLTY, KYFLTY, KYCFLTY, KYFLTCY

## REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- unshielded types H05VVD3H6-F, KYFLTY, KYFLTY.
- 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:	PVC
Core identification:	Acc. to VDE 0293-308 up to 5 wires coloured, from 6 wires black with white numerals with or without GNYE resp. special colour
Stranding:	Cores resp. bundles parallel side by side
Shield:	Single core or bundle with copper braid or wrapped wire bare or tinned; coverage ca. 70% - 80%
Outer sheath:	PVC
Sheath colour:	Black, RAL 9005
Rated voltage:	0,5 mm <sup>2</sup> = 300V; > 1,0 mm <sup>2</sup> = U <sub>0</sub> /U 300/500 V
Testing voltage:	1,2 kV / 2 kV
Current-carrying-capacity:	Acc. to DIN VDE, see Technical Guideline
Min. bending radius fixed:	10 x d
Min. bending radius moved:	10 x d
Operat. temp. fixed min/max:	H05...: -25 °C / +60 °C; KY...: -40 °C / +70 °C
Operat. temp. moved min/max:	H05...: -25 °C / +60 °C; KY...: -25 °C / +60 °C
Temp. at conductor:	+70 °C
Burning behavior:	Self-extinguishing and flame retardant acc. to IEC 60332-1
Suspension height:	See table
Standard:	Similar to DIN VDE 0250

## 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
3001441	24 G 0,75	4,1 x 67	173,00	535,00	black	V1: H05VVD3H6-F
3000685	16 G 1	4,3 X 50,0	154,00	500,00	black	V1: H05VVD3H6-F
3001239	24 G 1	4,0 X 71,0 - 5,0 X 77,0	230,40	800,00	black	V1: H05VVD3H6-F
3000688	6 X 5 G 1	9,8 X 68,0 - 10,6 X 70,0	288,00	960,00	black	V2: KYFLTY
3000689	22 G 1 + (2 X 0,5)C	5,5 X 76,0	237,00	850,00	black	V3: KYFLTY
3000982	28 G 1 + 2 X (0,5) C	10,0 X 67,5 - 11,2 X 72,4	307,00	1150,00	black	V3: KYFLTY
3001290	24 G 1 + 2 X (2 X 0,5)C	10,4 X 67,5 - 11,2 X 70,0	289,00	1105,00	black	V3: KYFLTY
3001249	5 X 5 G 1 + 1 X 2 X 1 + 2 X (0,5)C + 1 X 75 OHM	10,3 X 67,5 - 11,2 X 70,0	305,00	1180,00	black	V3: KYFLTY
3000691	6 G 2,5	7,2 X 36,0 - 8,0 X 37,5	246,00	410,00	black	V4: KYCFLTY
3000663	5 X 4 X 0,5	6,7 X 36,2 - 8,0 X 40,0	175,00	450,00	black	V5: KYFLTCY
3000666	6 X 5 G 1	11,0 X 75,0	465,00	1200,00	black	V5: KYFLTCY