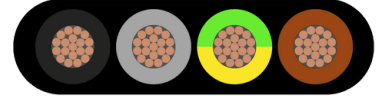









CRANE FLAT




## General Construction

 <b>Conductor:</b>	Flexible bare copper (Class 5) Acc. to DIN EN 50214 / VDE 0283-2
<b>Insulation:</b>	PVC T12
<b>Core Identification:</b>	Colours acc. to VDE 0293 (HD 308) More than 5 cores: green/yellow + numbers
<b>Sheath:</b>	Outer sheath: PVC TM2 Colour: black

## Technical data

 <b>Nominal voltage:</b>	450/750 V
 <b>Test voltage:</b>	2,5 kV
 <b>Operating temperature range:</b>	-40°C to +60°C (Fixed) -25°C to +60°C (Flex)
 <b>Flame:</b>	VDE 0482-332-1-2 / IEC 60332-1-2

## Movement Data @20°C

 <b>Bending radius:</b>	5 x h (Flex)
<b>Bending radius:</b>	10 x h (deflected by pulleys)
<b>Bending radius:</b>	10 x h (festoon)
<b>Speed festoon:</b>	120 m/min.
<b>Tensile strength:</b>	15 N/mm <sup>2</sup>
<b>Suspension length:</b>	35 m

## Approval

Oil-resistant: EN 60811-2-1 | UV-resistant: yes

Name	Cable Type	Ø mm	Weight Kg/Km
FLAT4G1,5	4 x 1,5	14,9 x 5,2	135,0
FLAT5G1,5	5 x 1,5	17,7 x 5,2	140,0
FLAT7G1,5	7 x 1,5	27,2 x 5,2	260,0
FLAT8G1,5	8 x 1,5	27,5 x 5,2	265,0
FLAT10G1,5	10 x 1,5	34,2 x 5,2	358,0
FLAT12G1,5	12 x 1,5	39,8 x 5,2	442,0
FLAT14G1,5	14 x 1,5	50,7 x 5,2	435,0
FLAT16G1,5	16 x 1,5	53 x 5,2	566,0
FLAT18G1,5	18 x 1,5	61 x 5,2	559,0
FLAT24G1,5	24 x 1,5	77,6 x 5,2	818,0
FLAT4G2,5	4 x 2,5	17,2 x 5,6	206,0
FLAT5G2,5	5 x 2,5	20,6 x 5,6	240,0
FLAT7G2,5	7 x 2,5	30,4 x 5,6	365,0
FLAT8G2,5	8 x 2,5	32,3 x 5,6	410,0
FLAT12G2,5	12 x 2,5	47,4 x 5,6	610,0
FLAT24G2,5	24 x 2,5	96,6 x 5,6	950,0
FLAT4G4	4 x 4	19,2 x 6,8	327,0
FLAT5G4	5 x 4	24,6 x 6,8	402,0
FLAT7G4	7 x 4	32,9 x 6,8	567,0
FLAT4G6	4 x 6	21,2 x 7	430,0
FLAT5G6	5 x 6	25,6 x 7	525,0
FLAT7G6	7 x 6	37,4 x 7	755,0
FLAT4G10	4 x 10	28 x 9,2	709,0
FLAT5G10	5 x 10	37,6 x 9,2	935,0
FLAT4G16	4 x 16	31,2 x 10,2	1.015,0
FLAT5G16	5 x 16	48,6 x 10,2	1.317,0
FLAT4G25	4 x 25	40,8 x 12,4	1.367,0
FLAT4G35	4 x 35	45,3 x 13,4	1.920,0
FLAT4G50	4 x 50	56,2 x 17	2.822,0
FLAT4G70	4 x 70	64,5 x 18,7	3.817,0
FLAT4G95	4 x 95	77,4 x 21	4.805,0

